



Mobile Cardiac/Pulmonary Testing

John R. Madera
Licensing Division
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

add info to 83680

Dear Sir:

Please find attached the necessary documentation for a close-out survey.

Attachment A: This is a diagram of the old facility. The area was divided into 4 foot by 4 foot squares. An area approximating 1 foot by 1 foot was wipe tested using guaze pads and alcohol. The wipe was measured by the survey meter and recorded. The areas marked in red denote the assayed sites.

Attachment B: This is the survey reading. All readings were done on the Ludlum 44-7.

Attachment C: NRC communication.

The survey was performed on Tuesday, 6/30/85 by John Carpenter. The Ludlum 44-7 was last calibrated on 10/23/86. A level of less than .05 mR/hr was chosen as background because this level appears to be the ambient background level.

Hopefully this is a complete close-out survey as requested.

Sincerely,

John Carpenter

John Carpenter
Technical Director

Attachments

8801280088 870727
REQ3 LIC30
48-24566-01 PDR

VED BY LFMS

Date *7/6/87*
Log *Jul-4-87*
By *rusen*
Date Completed *7/14/87*

1218 W. Kilbourn Avenue
Suite 307
Milwaukee, WI 53233
(414) 289-8164

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87 JUL -8 10:41

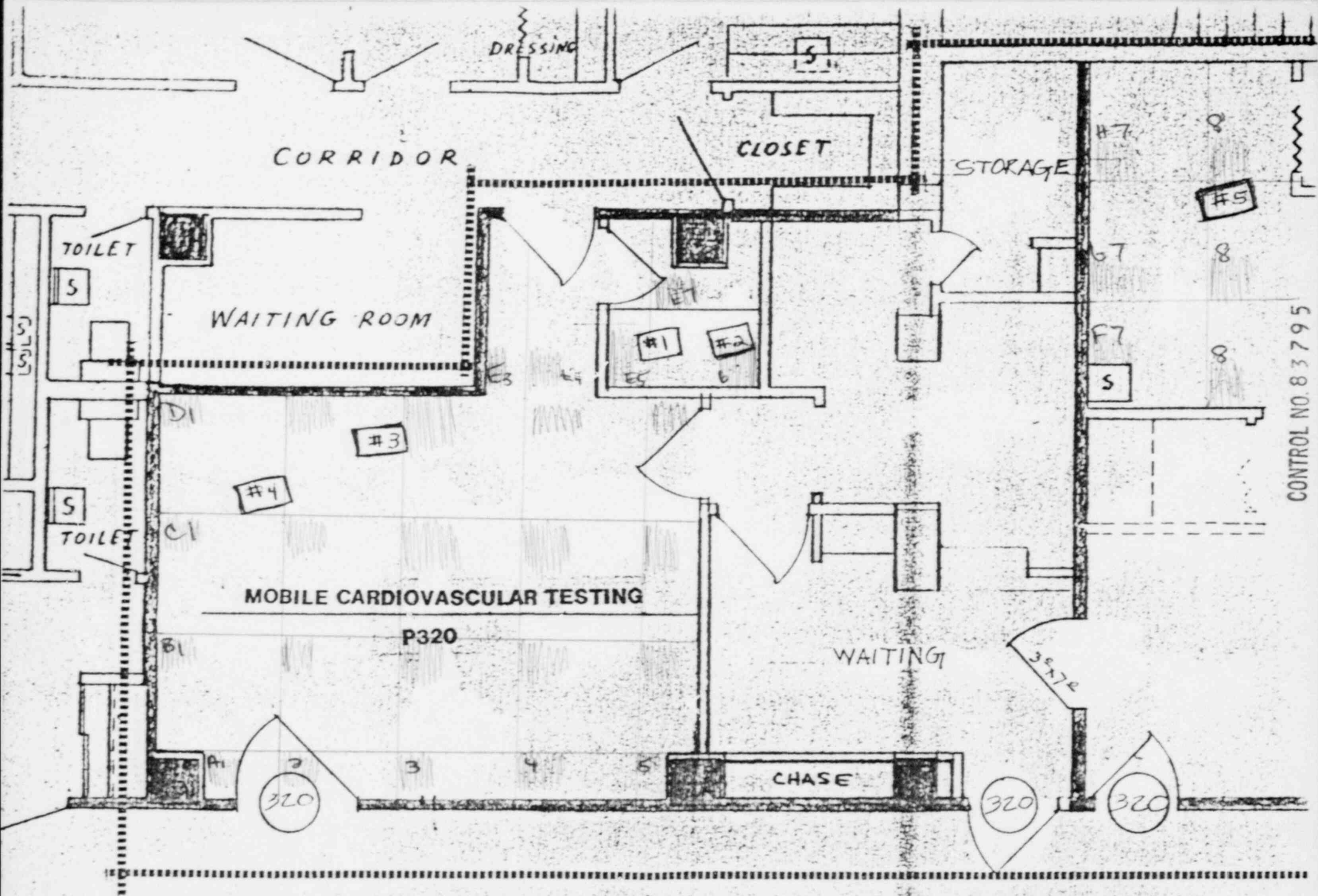
RECEIVED

FEE NOT REQUIRED

addition info to 83680

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SCALE: $1/4" = 1'-0"$

Attachment A



*Mobile
Cardiac/Pulmonary
Testing*

Attachment B

Survey Reading

<u>Area</u>	<u>Reading</u>	<u>Area</u>	<u>Reading</u>
A1	B	D1	B
A2	B	D2	B
A3	B	D3	B
A4	B	D4	B
A5	B	D5	B
B1	B	E3	B
B2	B	E4	B
B3	B	E5	B
B4	B	E6	B
B5	B	E7	B
C1	B	F7	B
C2	B	F8	B
C3	B	G7	B
C4	B	G8	B
C5	B	H7	B
		H8	B

B = < .05 mR/hr

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

JUN 18 1987

Mobile Cardiovascular Testing
ATTN: John Carpenter
Technical Director
1218 Kilbourne Avenue
Milwaukee, WI 53233
Gentlemen:

Enclosed is Amendment No. 01 to your NRC License No. 48-24566-01 in accordance with your request.

Please be advised that we cannot authorize you to release your old nuclear medicine space for unrestricted use (even by other members of your staff) until we have received and reviewed a copy of the results of your close-out survey. The survey should consist of exposure rate measurements to show that all sources of radioactive material have been removed, and contamination checks of areas where radioactive materials were used or stored. Average radiation levels associated with surface contamination and removable contamination should not exceed those specified in the enclosed decontamination guide. Please submit the following information with your close-out survey:

- 83680
- a. A diagram of your old facility with survey and wipe test results keyed to specific locations.
 - b. The name of the person performing the survey.
 - c. The date the survey was performed.
 - d. The instrument(s) used for exposure rate measurements and for analysis of the wipes.
 - e. Background readings.
 - f. The date that the survey instrument was last calibrated.

Please review the enclosed document carefully and be sure that you understand all conditions. You must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.

Attachment C

CONTROL NO. 83795