

Bedford MEMORIAL HOSPITAL

In Partnership
CARILION HEALTH SYSTEM &
CENTRA HEALTH

1613 Oakwood Street • Post Office Box 688 • Bedford, Virginia 24523-0688
Telephone 540-586-2441

September 4, 2007

US Nuclear Regulatory Commission
Division of Nuclear Materials Safety
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

NMSS
2007 SEP 10 AM 11:11

RECEIVED
REGION I

Attention: Medical Branch, Division of Nuclear Materials Safety

Subject: Summary survey report of previous radioactive material use area

RE: USNRC Materials License No. 45-25627-01 (Docket or Ref. No. 030-36291)
Control Number 140635

Dear Mr. Lee:

On May 18, 2007, I performed an area exit survey of the primary Cardiac Stress Treadmill Room located within Bedford Memorial Hospital (ATT.9.1.A.) to ascertain the extent of radioactive contamination prior to allowing this area to be reassigned for other uses. Results of this survey are summarized in the attached report. Please note that this area had been used solely for administration of radioactive material to patients undergoing nuclear cardiac imaging and no radioactive material or waste was ever stored in this area.

I remain available to provide additional information, if necessary, via e-mail rojgm1@carilion.com or at (540)981-7379 regarding this notification.

Respectfully submitted,



Jeffrey G. Messinger, RSO for BMH

pc: Sybil Calhoun, Director Cardio-vascular Services
Judy Howard, Nuclear Medicine

Attachments (2)

Nrcnamendment5exitsurveyreport090407.bmh

141044
NMSS/RGN1 MATERIALS-002
REF. 140635

Radiological Survey Summary Report of Previously Designated RAM Use Area

Licensee: Bedford Memorial Hospital (BMH)

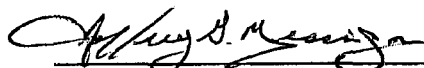
Facility Location: 1613 Oakwood Street
Bedford, VA24523

License Number: US NRC 45-25627-01

Survey Location: Primary Cardiac Stress Treadmill Room

Survey Date: May 18, 2007

Surveyor:



Jeffrey G. Messinger, RSO for BMH

Instruments: G.M. Survey Meter – Ludlum 14C (#1997857)
Probe Model 44-7 (#PR203339)
Last calibration 08/18/06
Well Counter – Capintec CRC-15W (#170673)
Detector NaI(Tl) Scintillation (#30003-00316-1)
Last quarterly QC testing 05/18/07

Reference Sources: For well counter – Cs-137 rod, 0.1169 μCi , 05/13/03, HL = 30 y
Mfg.: International Isotope of Idaho, Inc., Model BM08, Serial #BM0837-01-13

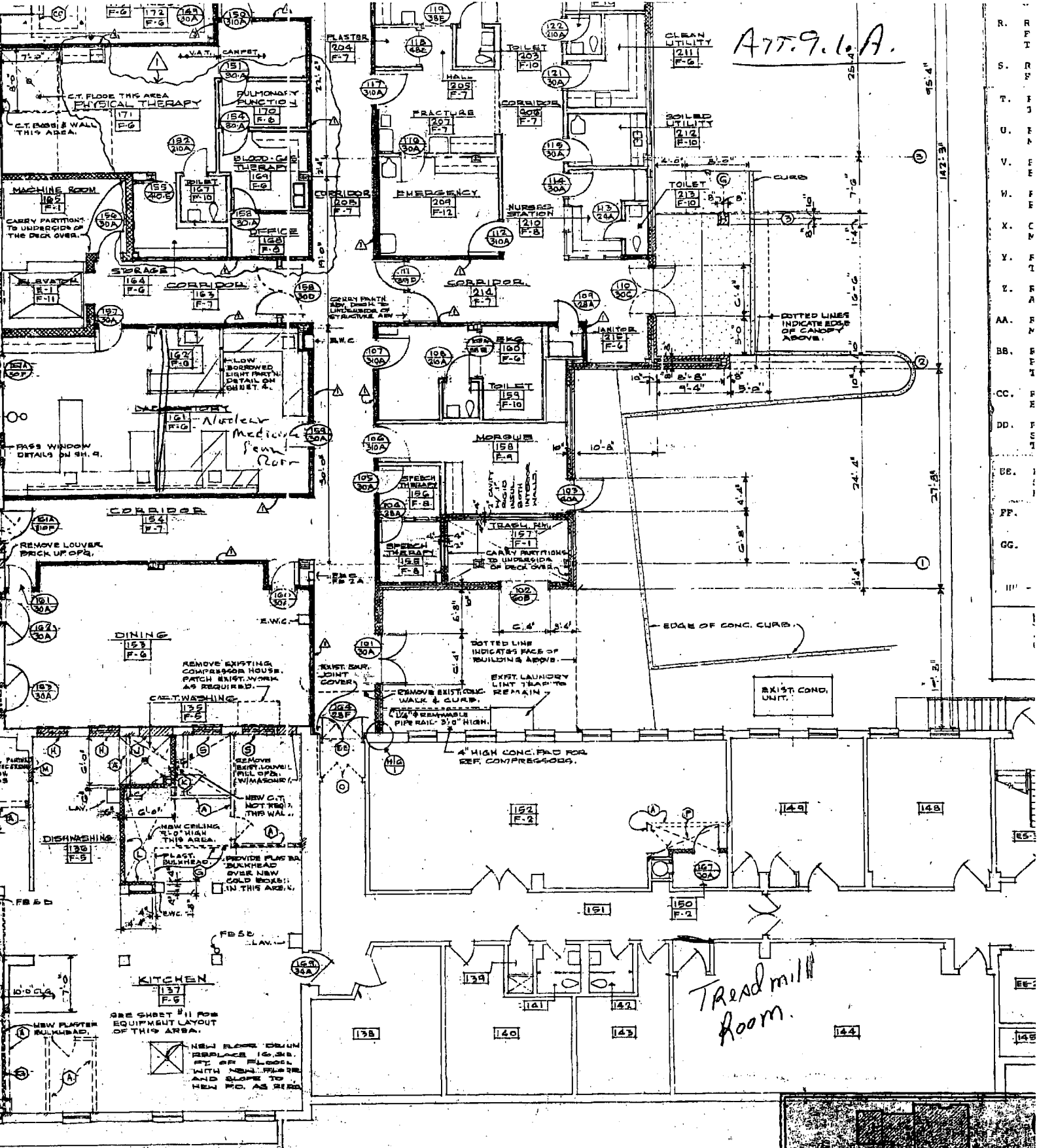
Summary of Survey Results:

- A. Ambient radiation exposure rate survey – All measured ambient radiation exposure rates were at background exposure rate levels of between 0.01 and 0.02 mR/h within this room.

- B. Surface radioactivity contamination survey – No measurable surface radioactivity contamination above background levels of 2.2 dpm/cm² was found for wipes taken from floor and wall surfaces within this room.

Attachment: ATT.9.1.A – room location

ATT. 9.1.A.



First Floor Ground Level
 Bedford Memorial Hospital
 Bedford, VA.

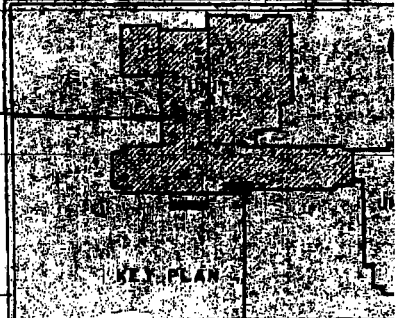
ATT 9.1.A



JUNE 1970

REVISION REVISION DATE

Nuc. Med. Room



R. R. P. T.
 S. R. F.
 T. J. J.
 U. F. N.
 V. E. E.
 W. F. E.
 X. C. M.
 Y. F. T.
 Z. F. A.
 AA. F. M.
 BB. G. E. T.
 CC. F. E.
 DD. F. S. T.
 EE. I. I.
 FF.
 GG.
 III'

This is to acknowledge the receipt of your letter/application dated

9/4/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 45-25627-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 141044.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.