

Perna Health Physics, Inc.

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May 18, 1998

RE: Closeout survey of old department at Parkersburg Cardiology Associates
NRC License #47-25319-01.

To whom it may concern:

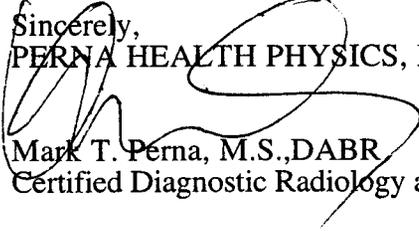
On May 18, 1998, Ron Powell and the undersigned performed a closeout survey of the old hot lab and scan room areas at Parkersburg Cardiology Associates. One gross smear was taken which covered approximately 60% of the entire floor and wall space of both the hot lab and the scan room.

The swipe was counted on a Capintec Caprac, calibrated on March 10, 1998. The efficiency of the unit was calculated to be 93.64% for Co-57 which is approximately equal to the energy of the isotopes used clinically in the lab. The Minimum Detectable Activity was calculated to be 109. The background count was 506 and the swipe was slightly less than background or 0 dpm. This is consistent with the use of only short lived isotopes (primarily Tc-99m) in the department where the last use of any isotope in the lab was days earlier. The sealed sources in use, which were transferred to the new hot lab, were leak tested on at least a quarterly basis and never demonstrated any leakage.

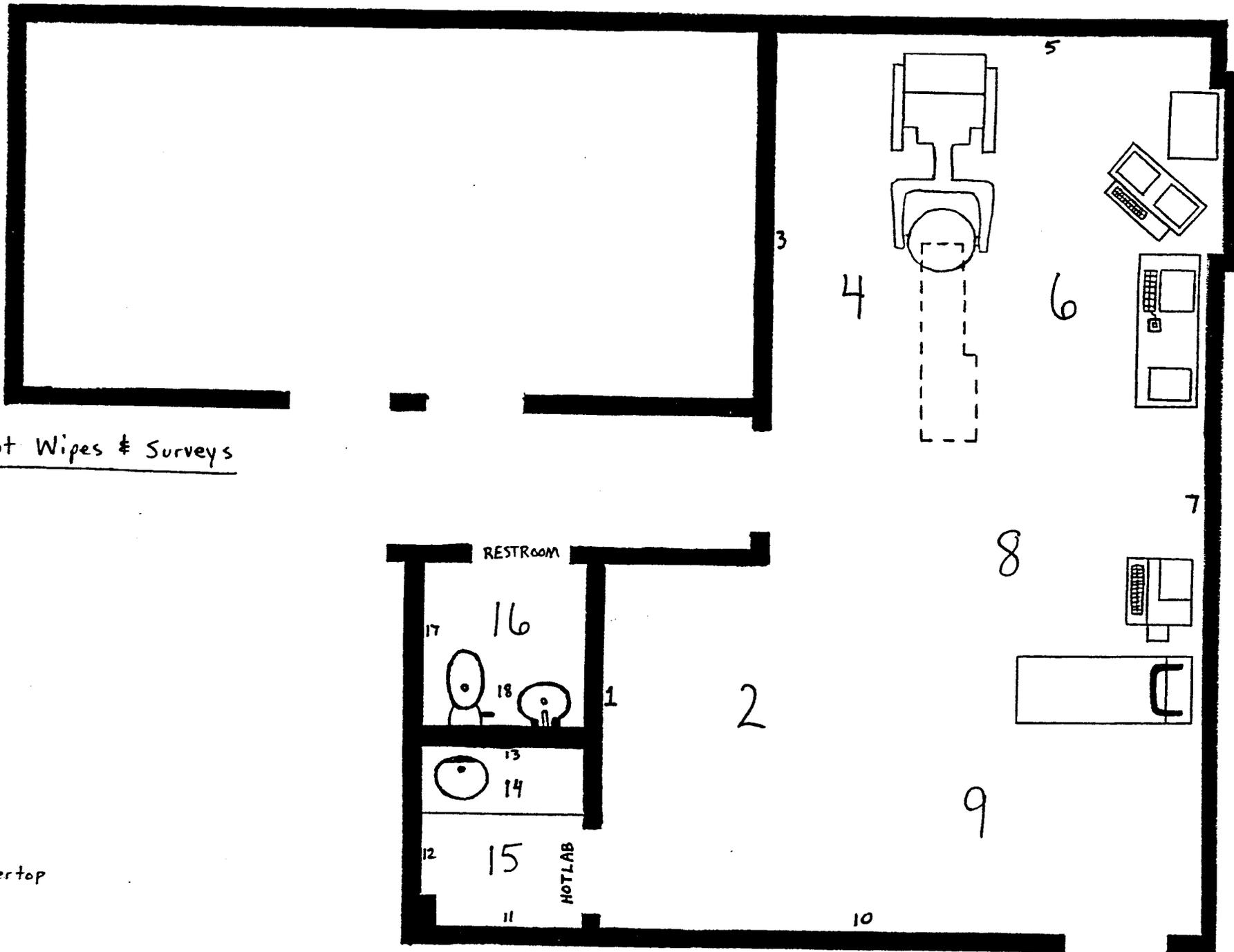
Area monitoring was done over the same areas wipe tested with a Ludlum 14C survey meter calibrated in April, 1998. The background was 0.03 and no reading exceeded background.

The old department has been cleared for non-controlled use.

Sincerely,
PERNA HEALTH PHYSICS, INC.


Mark T. Perna, M.S., DABR
Certified Diagnostic Radiology and Medical Nuclear Radiological Physicist

PARKERSBURG CARDIOLOGY ASSOCIATES



Closeout Wipes & Surveys

- 1. Wall
- 2. Floor
- 3. Wall
- 4. Floor
- 5. Wall
- 6. Floor
- 7. Wall
- 8. Floor
- 9. Floor
- 10. Wall
- 11. Wall
- 12. Wall
- 13. Wall
- 14. Countertop
- 15. Floor
- 16. Floor
- 17. Wall
- 18. Fixtures

