



THE UNIVERSITY OF TEXAS
COLLEGE OF ENGINEERING
AUSTIN, TEXAS 78712

*Department of Mechanical Engineering
Nuclear Engineering Program
512-471-5136*

August 11, 1982

50-192

Mr. Hal Bernard
Nuclear Regulatory Commission
Standard and Special Projects
Branch Licensing
Room 340

Washington, D.C. 20555

Dear Mr. Bernard:

As per our telephone conversation on August 11, I have enclosed several figures that illustrate the currently proposed plans. The modifications consist of several parts, a) the total renovation of offices and classrooms in Taylor Hall for utilization by Computation Center facilities and the Computer Science Department; b) destruction of the engineering laboratory sections of Taylor Hall; and c) construction of a five story plus building for Computation Center and Computer Science facilities. The schedule projected at best guess is project approval (cost, extent, etc.) by the Board of Regents in the next 60 days. Building renovation depends on current Mechanical Engineering Department move from Taylor Hall to the new facilities scheduled for completion January 1983. However, some work could precede that move.

The major impact of proposed construction directly on the R-92 facility (and SNM-180) is expected to consist of the encroaching wall construction and subsequent construction of a multi-story structure 15 feet from the reactor tank. Details of the proposed building are unavailable. I believe that it may be possible to accomplish the renovation and wall construction, excluding possible ventilation system requirements, within the framework of 10 CFR 50.59 changes. However, the presence of a multi-story structure nearby presents a more extensive problem during construction and design.

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The proposed project is in the planning stages and many details are still sketchy, but since the time scale of the project appears to be roughly determined I would like to obtain timely guidance to insure regulatory compliance and foresight during the proposed changes. An additional complication or benefit concerns the current license status of the R-92 UT TRIGA facility. That license is due for examination by NRR in the 1983 fiscal year.

Your help in regards to these matters is appreciated.

Sincerely yours,

T. L. Bauer

T. L. Bauer
Reactor Supervisor
SOP #3664

Enclosures

TLB:mgm

cc: D.E. Klein



Figure 1. THE UNIVERSITY OF TEXAS AT AUSTIN

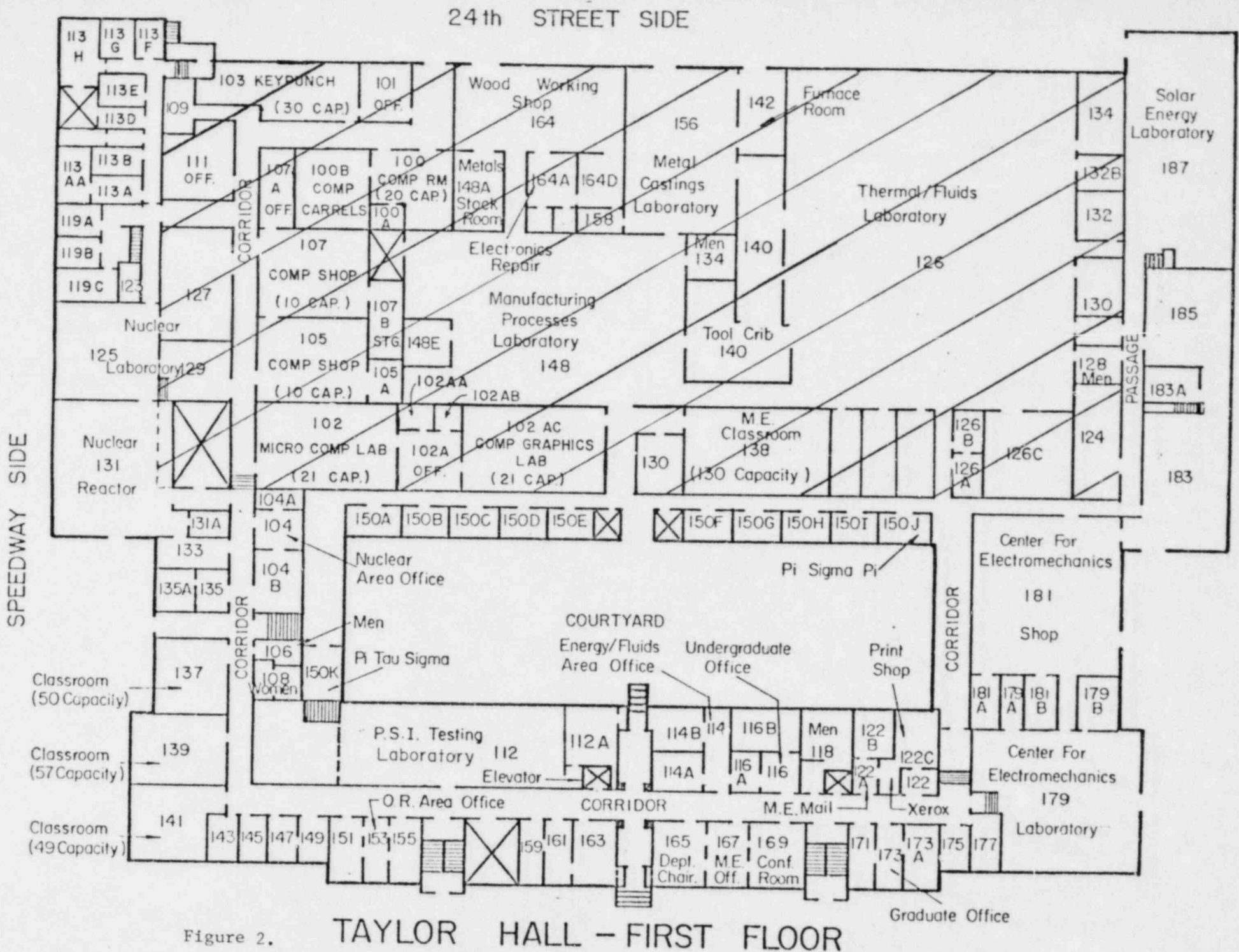


Figure 2.

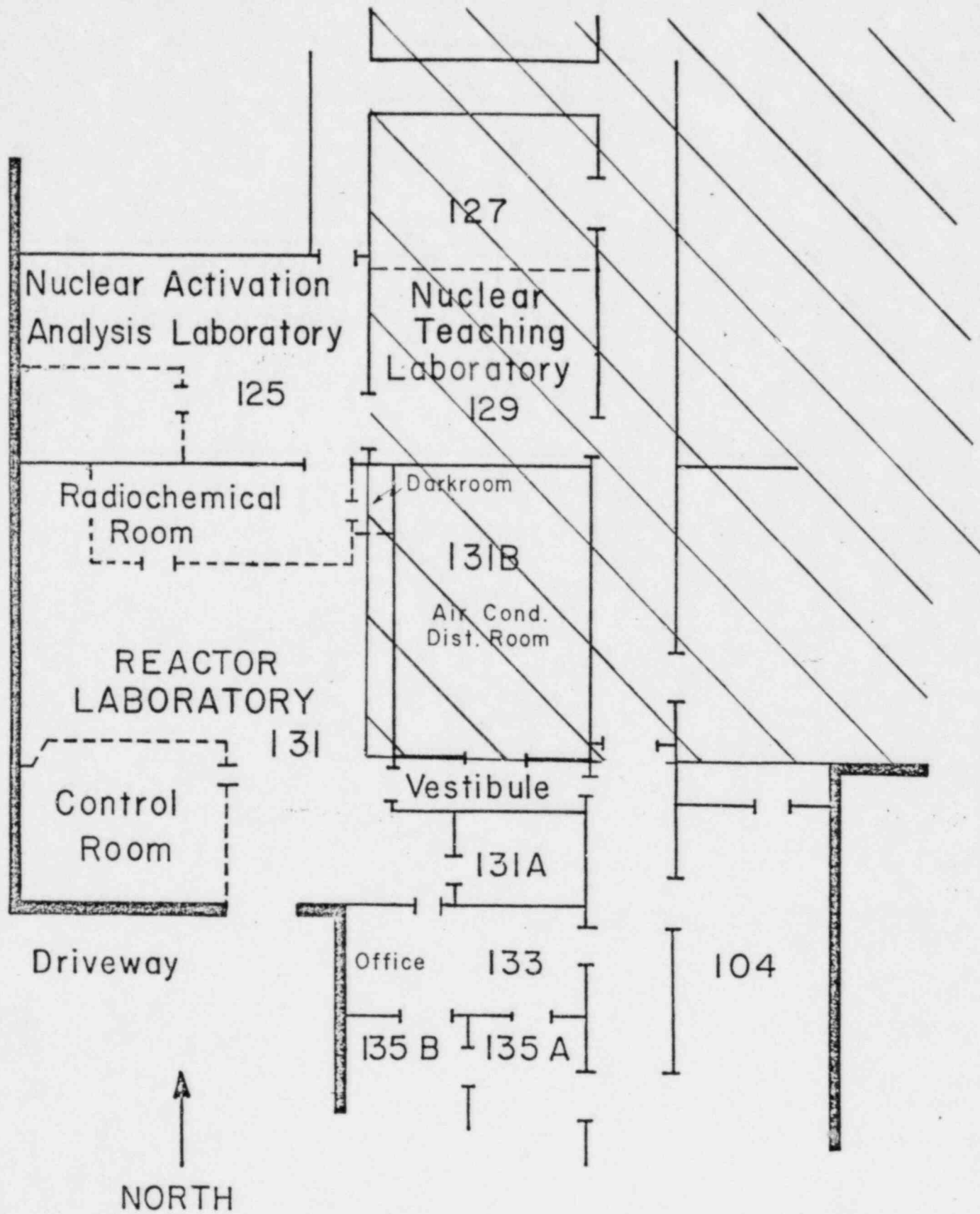


Fig. 3. TAYLOR HALL FLOOR PLAN
ADJACENT ROOMS TO 131

FIG. 4. TAYLOR HALL 131 FLOOR PLAN

