PROPOSED CAPITAL PROGRAMS
IN DEPARTMENTS OF RADIOLOGY AND OBSTETRICS & GYNECOLOGY
HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA

A. DEPARTMENT OF RADIOLOGY

Project Elements and Costs

- Addition of two floors to Donner Building for Radiation Therapy and Nuclear Medicine; 11,000 gsf. $1,650,000
- 1 Floor on Level 52 Silverstein - Outpatient Radiology Dept; 10,000 gsf. 1,650,000
- Level 40 Silverstein/Ravdin-Angiography/Neuroradiology; 3700 gsf. 750,000
- Fees and Bond Discount 15,000

TOTAL COSTS $4,065,000

B. DEPARTMENT OF OBSTETRICS & GYNECOLOGY

Project Elements and Costs

- Labor & Delivery Suite $2,420,900
- Maternal Concentrated Care Unit; Intensive/Premature Nurseries 1,572,100
- Fees and Bond Discount 109,000

TOTAL COSTS $4,102,000

C. SUMMARY

Total Project Costs $8,167,000

Currently Available Funds $4,000,000
Estimated Proceeds from Silverstein Defeasance 2,000,000
Funds Needed to Complete Projects 2,167,000

$8,167,000 $8,167,000

WJH
7/8/77
This project proposes for the Radiology and Radiation Therapy Departments at the Hospital of the University of Pennsylvania to modernize the facilities, acquire new radiographic and radiation therapy equipment and relocate certain existing equipment for these activities. This plan will create the environment within the hospital which will permit the delivery of radiographic and radiation therapy services that are consistent with contemporary standards of medical practice.

The Departments of Radiology and Radiation Therapy have not undergone major renovations since the construction of the Donner Building in 1959. Both departments are housed in cramped, unattractive, functionally inefficient quarters in the Dulles and Donner Buildings. Room sizes and locations are improper for the efficient delivery of services and the administrative and teaching space is inadequate. The room sizes are 160 square feet as compared to 480 standard for teaching hospitals. The radiographic and radiation therapy equipment currently used by the departments is technically obsolete and beyond its expected economic life. The useful economic life of most radiographic equipment is five to seven years. The majority of the equipment ranges from ten to twenty years old.

The Departments of Radiology and Radiation Therapy have experienced consistent growth in recent years. In 1963, approximately 63,000 diagnostic examinations were performed compared to 114,000 in 1976. The Radiation Therapy Department currently serves 1,000 new cancer patients per year. In 1975 approximately 17,000 treatments were performed compared to 21,500 in 1976. It is forecasted that radiology diagnostic examinations will continue to increase at the rate of 4% over the next five to ten years.

The plan prepares to:
- Construct two new floors atop the existing Donner Building of 5,500 square feet each to house the nuclear medicine and radiation therapy functions.
- Construct an additional 10,000 square feet within the first floor elevation of the Silverstein Pavilion to house the outpatient activity.
- Complete 3,700 square feet of space at elevation 40 for Angiography.

This expansion will provide the departments with facilities to meet the growth needs of patient services, increase efficiency, effectiveness and decrease patient waiting times.

The project is approved by the Trustees of the University of Pennsylvania with the exception of level 40.

This project is approved by the Regional Comprehensive Health Planning Agency and the State of Pennsylvania.
THE PLAN FOR OBSTETRICS PROJECT

The plan for the Obstetrics Project proposes to construct a labor and delivery suite, a 15-bed maternal concentrated care unit, and intensive and premature nurseries on the sixth floor of the hospital in the Gates, Dulles and Courtyard Buildings. The labor and delivery suite and the nurseries are replacement facilities while the concentrated care unit establishes a new program. The 15-bed unit represents an increase in maternity beds necessary to meet demand, though the Hospital’s total bed complement will remain unchanged.

The closing of Philadelphia General Hospital and the designation of the Hospital of the University of Pennsylvania as a Regional Center for women with high-risk pregnancies has increased the deliveries from 2320 in fiscal 1974 to 3200 in fiscal 1977. It is projected that there will be 3500 deliveries in fiscal 1978. Currently, forty percent of the obstetrical patients at the Hospital of the University of Pennsylvania are high-risk, and it is projected that this trend will continue in the future. This volume of activity cannot be managed safely or effectively in the present obsolete and noncontiguous facilities. The hospital currently does not have an identified facility for women with high-risk pregnancies.

The project will be completed in two phases. Phase I consists of the labor and delivery suite; Phase II includes the concentrated care unit and the nurseries. Both phases are approved by the Regional Comprehensive Health Planning Council and the City Health Department.

SECRETARY