ENTRY NO. CU116 Date

Cyclotron Model CTI RDS 112

Institution The Methodist Medical Center of Illinois

Address Peoria, IL USA

Tel (309)671-2738 Telex -

Fax (309)671-5185 EMAIL -

In Charge: S. Zigler Reported by: S. Zigler

HISTORY

MILESTONE DATES:

Installation Dec 1990 First Beam Jan-Feb 1991

DESIGN/CONSTRUCTION BY: Philip Swager Assoc

COST: Accelerator - Facility -

FUNDED BY: Internally

STATUS

STAFF: Operators 1 Technicians 0

BUDGET: Machine Funded by Internally

TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) Clinical Isotope Production 95 %

(b) Maintenance (Preventative and Service) 5 %

(c) %

(d) %

(e) %

CHARACTERISTIC BEAMS

	Accelerated Ions	E/A (MeV/u)	Current(part μA) Internal	External
(a)	H-	11	200(H-)	100(p)
(b)				

1991 μA-hours on target: 2250

FACILITIES

SHIELDED AREA: Fixed - m² Moveable Standard Shields m²

Target Stations: 4 No. Served At Same Time: 2

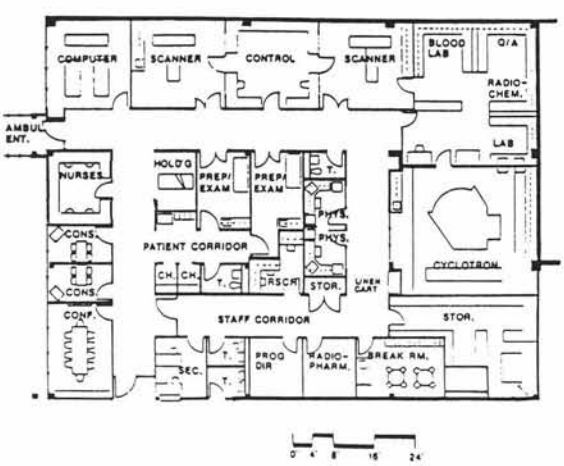
OTHER FACILITIES:

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU118 Date

Cyclotron Model SIEMENS/CTI RDS 112

Institution N. CALIF. PET IMAGING CENTER

Address 3195 FOLSOM BLVD, SACRAMENTO, CA 95816

Tel 916-737-3200 Telex

Fax 916-737-6203 EMAIL

In Charge: H.C. PADGETT Reported by: H.C. PADGETT

HISTORY

MILESTONE DATES:

Installation MAY 1992 First Beam JUNE 1992

DESIGN/CONSTRUCTION BY: CTI CYCLOTRON SYSTEMS

COST: Accelerator $1,000,000 Facility $500,000

FUNDED BY: PRIVATE

STATUS

STAFF: Operators 2 Technicians 1

BUDGET: Machine - Funded by -

TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) CLINICAL ISOTOPE PROD, IN-HOUSE 90 %

(b) CLINICAL ISOTOPE PROD, DISTRIBUTION 10 %

(c) %

(d) %

(e) %

CHARACTERISTIC BEAMS

	Accelerated Ions	E/A (MeV/u)	Current(part μA) Internal	External
(a)	H-	11	100	100
(b)				

1991 μA-hours on target: -

FACILITIES

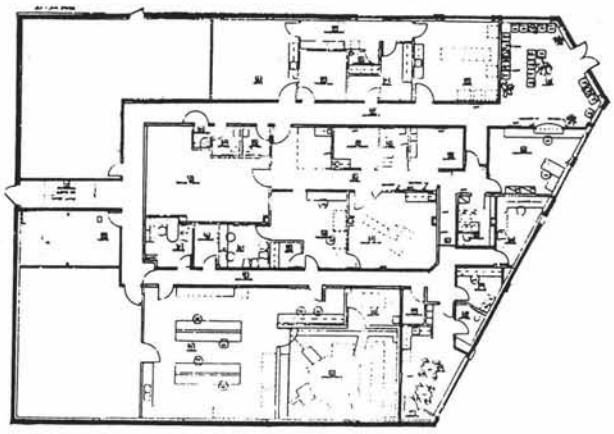
SHIELDED AREA: Fixed 0 m² Moveable 0 m²

Target Stations: 4 No. Served At Same Time: 2

OTHER FACILITIES: CLINICAL MEDICAL IMAGING: SIEMENS 921 SCANNER

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS