

ENTRY NO. CU123 Date October 1995
 Cyclotron Model Scanditronix MC 50
 Institution University of Washington Medical Center
 Address Seattle, WA 98195-356043, USA
 Tel (206) 548-4112 Telex 474 0096 UW UT
 Fax (206) 548-6218 E-MAIL RISLER@RADONC.WASHINGTON.EDU
 In Charge: R. RISLER Reported by: R. RISLER

HISTORY

MILESTONE DATES:

Installation 1983/84 First Beam June 1983
 DESIGN/CONSTRUCTION BY: Scanditronix Uppsala
 COST: Accelerator \$4.2MUSD Facility \$8.2MUSD
 FUNDED BY: US National Cancer Institute

STATUS Engineers - 2

STAFF: Operators Technicians 2
 BUDGET: Machine \$395,000USD Funded by Patient Charges
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Neutron Therapy 84 %
 (b) Isotope Production 6 %
 (c) Quality Assurance 6 %
 (d) BNCT Research 4 %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p	20-50.5	90	70
(b) d	7.5-12	65	50

1994 μ A-hours on target:

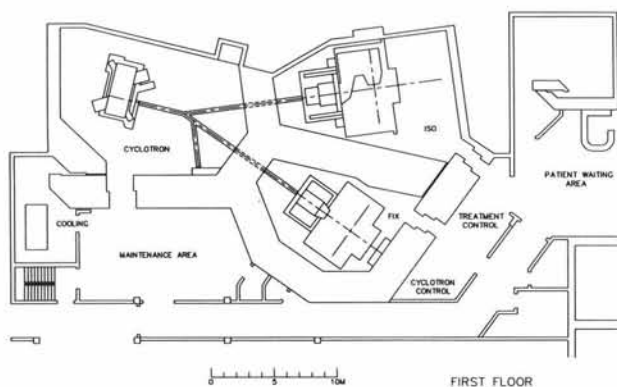
FACILITIES

SHIELDED AREA: Fixed: 265 m² Moveable 0 m²
 Target Stations: 3 No. Served At Same Time: 1
 OTHER FACILITIES: Isocentric Neutron Therapy Room
 Fixed Beam Neutron Therapy Room
 Isotope Production Station in Cyclotron Vault (for PET)

REFERENCES/NOTES

- (a) R. RISLER ET AL: CLINICAL CYCLOTRON
 (b) SEATTLE: ELEVEN YEARS OF OPERATION (IN THESE PROCEEDINGS)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU124 Date
 Cyclotron Model CS-22
 Institution Amersham Medi+Physics, Inc.
 Address 900 Durham Ave., So. Plfd., N.J. 07080
 Tel 908-757-0500 Telex
 Fax 908-757-7518 E-MAIL
 In Charge: W.L. McClain Reported by: A. Cichy

HISTORY

MILESTONE DATES:

Installation First Beam JAN. 73
 DESIGN/CONSTRUCTION BY: Cyclotron Corp.
 COST: Accelerator Facility
 FUNDED BY:

STATUS

STAFF: Operators Technicians 5
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 80%
 (b) Maintenance 20%
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p	22	200	65
(b)			

1994 μ A-hours on target: 1.5e5

FACILITIES

SHIELDED AREA: Fixed: 90 m² Moveable m²
 Target Stations: 2 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

- (a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS