

ENTRY NO. CU89 Date June 1992
 Cyclotron Model TCC CS-30
 Institution NIH Clinical Center
 Address Bldg. 10, Rm. 1C401, Bethesda, MD 20892
 Tel (301) 496-0345 Telex 89422
 Fax (301) 496-0114 EMAIL PAUL@NMDHST.CC.NIH.GOV
 In Charge: W. C. Eckelman Reported by: P. S. Plascjak

HISTORY
 MILESTONE DATES:
 Installation June 1985 First Beam Nov. 1985
 DESIGN/CONSTRUCTION BY: The Cyclotron Corporation
 COST: Accelerator Facility
 FUNDED BY: National Institutes of Health

STATUS
 STAFF: Operators 3 Technicians
 BUDGET: Machine \$100K Funded by NIH
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 75 %
 (b) Research & Development 20 %
 (c) Maintenance 5 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) H+	26.5	200	60
(b) d+, 3-He+, 4-He+			

1991 μ A-hours on target: 8500

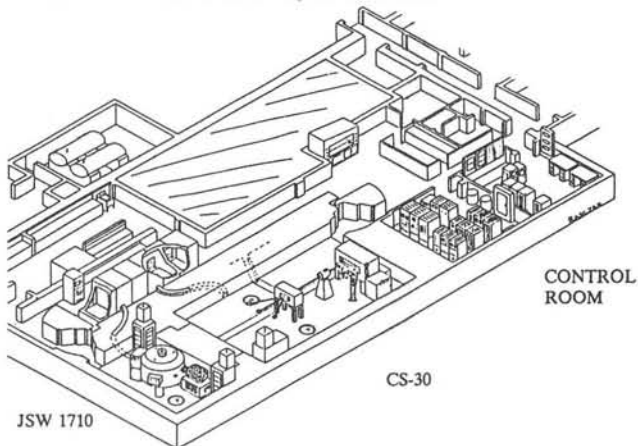
FACILITIES

SHIELDED AREA: Fixed 90 m² Moveable 6 m²
 Target Stations: 7 No. Served At Same Time: 1
 OTHER FACILITIES: Target Changer
 Hot Cells

REFERENCES/NOTES

- (a) The Operational Status of the National Institutes of Health Cyclotron Complex, P. Plascjak, et al, Eleventh Int. Conf. on Cyclotrons and Applications, Ionics Publ. Tokyo (1987).
- (b)

PLAN VIEW OF FACILITY, COMMENTS



JSW 1710

NIH CYCLOTRON FACILITY B3 LEVEL

ENTRY NO. CU90 Date
 Cyclotron Model NEN Cyclotron 1
 Institution DuPont Merck Pharmaceutical Co.
 Address 331 Treble Cove Rd. Billerica, MA 01862
 Tel (508) 671-8012 Telex
 Fax EMAIL
 In Charge: Peter Holton Reported by: Frank Buck

HISTORY
 MILESTONE DATES:
 Installation 3/70 First Beam 7/70
 DESIGN/CONSTRUCTION BY: Cyclotron Corp. CS-22
 COST: Accelerator Facility
 FUNDED BY: E.I. DuPont

STATUS
 STAFF: Operators Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 Isotope Production 100 %
 (a) %
 (b) %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

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

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 60 m² Moveable m²
 Target Stations: 1 No. Served At Same Time:
 OTHER FACILITIES:

REFERENCES/NOTES

- (a)
- (b)

PLAN VIEW OF FACILITY, COMMENTS