

ENTRY NO. CU82 Date _____
 Cyclotron Model CS-30 The Cyclotron Corp (TCC)
 Institution University of Michigan Medical School
 Address 3480 Kresge III, Ann Arbor, MI 48109-0552
 Tel 313-936-1186 Telex None
 Fax 313-764-0288 EMAIL D.Evans @UMICHEDU
 In Charge: Dr. David E. Kuhl Reported by: R. Lininger

HISTORY
 MILESTONE DATES:
 Installation Feb '82-Nov '82 First Beam Apr '82
 DESIGN/CONSTRUCTION BY: The Cyclotron Corporation
 COST: Accelerator \$1.6 Million Facility \$6.5 Million
 FUNDED BY: NIH, Kresge Foundation, and Medical School

STATUS
 STAFF: Operators 2 Technicians 1
 BUDGET: Machine Not Available Funded by Grants
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 90%
 (b) Maintenance 10%
 (c) _____ %
 (d) _____ %
 (e) _____ %

CHARACTERISTIC BEAMS

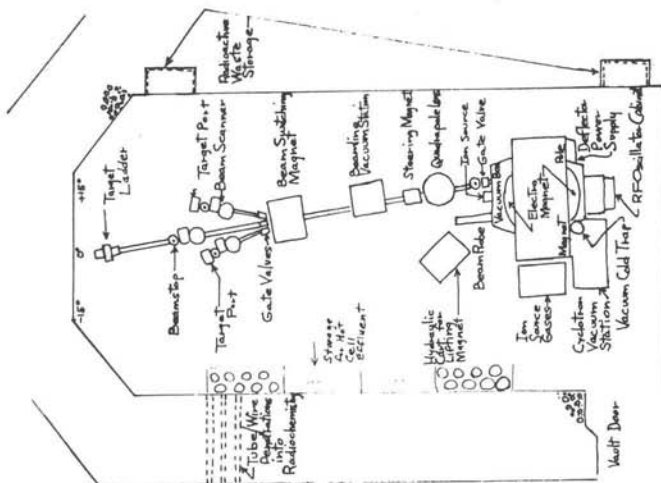
Accelerated Ions	E/A (MeV/μ)	Current (part μA)	
		Internal	External
(a) <u>p+</u>	<u>26</u>	<u>20</u>	<u>20</u>
(b) <u>d+</u>	<u>16</u>	<u>20</u>	<u>20</u>

1991 μA-hours on target: 4646

FACILITIES
 SHIELDED AREA: Fixed 75 m² Moveable _____ m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES: _____

REFERENCES/NOTES
 (a) _____
 (b) _____

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU 83 Date _____
 Cyclotron Model MC-40
 Institution Medi-Physics, Inc.
 Address 3350 N. Ridge, Arlington Heights, IL 60004
 Tel (708)398-8400 Telex _____
 Fax _____ EMAIL _____
 In Charge: R. Hubbard Reported by: B. Carus

HISTORY
 MILESTONE DATES:
 Installation 1978 First Beam February 1979
 DESIGN/CONSTRUCTION BY: Scanditronix
 COST: Accelerator _____ Facility _____
 FUNDED BY: _____

STATUS
 STAFF: Operators 0 Technicians 4
 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 μA)	
		Internal	External
(a) <u>H+</u>	<u>18 - 40</u>	<u>200</u>	<u>75</u>
(b) _____	_____	_____	_____

1991 μA-hours on target: 7 x 10⁵

FACILITIES
 SHIELDED AREA: Fixed 140 m² Moveable 0 m²
 Target Stations: 2 No. Served At Same Time: 1
 OTHER FACILITIES: _____

REFERENCES/NOTES
 (a) _____
 (b) _____

PLAN VIEW OF FACILITY, COMMENTS

