

ENTRY NO. CU93 Date
 Cyclotron Model NEN Cyclotron 4
 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 12/79 First Beam 7/80
 DESIGN/CONSTRUCTION BY: Cyclotron Corp. CS-30
 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.)
 (a) Isotope Production 100 %
 (b) %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

	Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
			Internal	External
(a)	Protons	26	200	
(b)				

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 50 m² Moveable m²
 Target Stations: 1 No. Served At Same Time:
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU94 Date
 Cyclotron Model NEN Cyclotron 5
 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 12/88 First Beam 1/89
 DESIGN/CONSTRUCTION BY: SCANDITRONIX
 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.)
 (a) Isotope Production 100 %
 (b) %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

	Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
			Internal	External
(a)	Protons	30	200	
(b)				

1991 μ A-hours on target:

FACILITIES

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

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS