

ENTRY NO. CU96 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 $\mu$ A)	
		Internal	External
(a) Protons	26	200	
(b)			

1991  $\mu$ A-hours on target:

**FACILITIES**

SHIELDED AREA: Fixed 50 m<sup>2</sup> Moveable m<sup>2</sup>  
 Target Stations: 1 No. Served At Same Time:  
 OTHER FACILITIES:

**REFERENCES/NOTES**

(a)  
 (b)

**PLAN VIEW OF FACILITY, COMMENTS**

ENTRY NO. CU97 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 $\mu$ A)	
		Internal	External
(a) Protons	30	200	
(b)			

1991  $\mu$ A-hours on target:

**FACILITIES**

SHIELDED AREA: Fixed 90 m<sup>2</sup> Moveable 1 m<sup>2</sup>  
 Target Stations: 2 No. Served At Same Time:  
 OTHER FACILITIES:

**REFERENCES/NOTES**

(a)  
 (b)

**PLAN VIEW OF FACILITY, COMMENTS**