

ENTRY NO. CU95 Date .....  
 Cyclotron Model NEN Cyclotron 6  
 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 6/90 First Beam 11/90  
 DESIGN/CONSTRUCTION BY: IBA  
 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 $\mu$ A)	
		Internal	External
(a) H-	30	-	200
(b) .....	.....	.....	.....

1991  $\mu$ A-hours on target: .....

**FACILITIES**

SHIELDED AREA: Fixed 200 m<sup>2</sup> Moveable ..... m<sup>2</sup>  
 Target Stations: 3 No. Served At Same Time: 1  
 OTHER FACILITIES: .....

**REFERENCES/NOTES**

(a) .....  
 (b) .....

**PLAN VIEW OF FACILITY, COMMENTS**

ENTRY NO. CU97 Date 7/5/1992  
 Cyclotron Model IBA Cyclone 30  
 Institution State U. of N.Y. Nuclear Med.  
 Address 105 Parker Hall 3435 Main St. Buffalo NY 14214  
 Tel 716 838 5889 Telex .....  
 Fax 716 838 4918 EMAIL NRCFRED@UBVMS.CC.BUFF  
 In Charge: Dr. Ackerhalt Reported by: Philip Orlosky

**HISTORY**

MILESTONE DATES:  
 Installation 8/92 First Beam 12/92  
 DESIGN/CONSTRUCTION BY: Wendel Eng./Le. Chase Const..  
 COST: Accelerator 2,800,000 Facility 3,800,000  
 FUNDED BY: State U. of NY Buffalo and Veterans Adm Hosp.

**STATUS**

STAFF: Operators ..... Technicians .....  
 BUDGET: Machine ..... Funded by .....  
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)  
 PET Targets ( Anticipated ) 25 %  
 (a) Research 25 %  
 (b) Maintenance 15 %  
 (c) Isotope Production 35 %  
 (d) ..... %  
 (e) ..... %

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current(part $\mu$ A)	
		Internal	External
(a) H	30	350	350
(b) .....	.....	.....	.....

1991  $\mu$ A-hours on target: 0

**FACILITIES**

SHIELDED AREA: Fixed 55 m<sup>2</sup> Moveable 0 m<sup>2</sup>  
 Target Stations: 10 No. Served At Same Time: 2  
 OTHER FACILITIES: .....

**REFERENCES/NOTES**

(a) .....  
 (b) .....

**PLAN VIEW OF FACILITY, COMMENTS**

