

ENTRY NO. **CU100** 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

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

FUNDED BY: **E.I. DuPont** Facility

STATUS

STAFF: Operators

BUDGET: Machine

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

Target Stations: **1** No. Served At Same Time:

OTHER FACILITIES:

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. **CU101** 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

In Charge: **Peter Holton** Reported by: **Frank Buck**

HISTORY

MILESTONE DATES:

Installation **12/88** First Beam **1/89**

DESIGN/CONSTRUCTION BY: **SCANDITRONIX**

COST: Accelerator

FUNDED BY: **E.I. DuPont** Facility

STATUS

STAFF: Operators

BUDGET: Machine

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

Target Stations: **2** No. Served At Same Time:

OTHER FACILITIES:

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS