

ENTRY NO. **CU98** Date

Cyclotron Model .. NEN Cyclotron 2

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 8/76 First Beam 11/76

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	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. **CU99** Date

Cyclotron Model .. NEN Cyclotron 3

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 5/78 First Beam 8/78

DESIGN/CONSTRUCTION BY: TME Cyclotron Corp. CS-30

COST: Accelerator .. Facility

FUNDED BY:

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	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