

ENTRY NO. **CU129** Date .....

Cyclotron Model Cyclone-30 .....

Institution Amersham Med+Physics .....

Address 900 Durham Ave. So. Plfd. N.J. 07080 .....

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In Charge: W.L. McClain Reported by: A. Cichy .....

**HISTORY**

MILESTONE DATES:  
 Installation .....

DESIGN/CONSTRUCTION BY: Ion Beam Applications .....

COST: Accelerator .....

FUNDED BY: .....

**STATUS**

STAFF: Operators .....

BUDGET: Machine .....

TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) Isotope Production .....

(b) Maintenance .....

(c) .....

(d) .....

(e) .....

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current (part $\mu$ A)	
		Internal	External
(a) H <sup>+</sup>	15-30	350	350
(b) .....	.....	.....	.....

1994  $\mu$ A-hours on target: 1.5e6 .....

**FACILITIES**

SHIELDED AREA: Fixed: 145 m<sup>2</sup> Moveable .....

Target Stations: 4 No. Served At Same Time: 2 .....

OTHER FACILITIES: .....

**REFERENCES/NOTES**

(a) .....

(b) .....

**PLAN VIEW OF FACILITY, COMMENTS**

ENTRY NO. **CU130** Date 02-OCT-95

Cyclotron Model JSW 1710 .....

Institution Brookhaven National Laboratory .....

Address Bldg. 901, Upton, New York 11973-5000 .....

Tel (516) 282-4587 Telex .....

Fax (516) 282-7350 E-MAIL .....

In Charge: J. S. Fowler Reported by: D. J. Schlyer .....

**HISTORY**

MILESTONE DATES:  
 Installation 1981 First Beam 1982 .....

DESIGN/CONSTRUCTION BY: Japan Steel Works .....

COST: Accelerator .....

FUNDED BY: DOE/NIH .....

**STATUS**

STAFF: Operators .....

BUDGET: Machine 300,000 Funded by .....

TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) PET isotope production .....

(b) Basic research .....

(c) .....

(d) .....

(e) .....

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current (part $\mu$ A)	
		Internal	External
(a) H <sup>+</sup>	17.4	80	50
(b) D <sup>+</sup>	10.0	80	40

1994  $\mu$ A-hours on target: 6000 .....

**FACILITIES**

SHIELDED AREA: Fixed: 100 m<sup>2</sup> Moveable 0 m<sup>2</sup> .....

Target Stations: 6 No. Served At Same Time: 1 .....

OTHER FACILITIES: .....

**REFERENCES/NOTES**

(a) .....

(b) .....

**PLAN VIEW OF FACILITY, COMMENTS**