

ENTRY NO. CU74 Date Jun. 92
 Cyclotron Model TR30/15
 Institution Institute of Nuclear Energy Research
 Address 1000 Wen-Hua Rd. Lung-Tan 325, Taiwan, Rep. of China
 Tel 886-2-3651717 Ex. 2701 Telex
 Fax 886-2-3811542 EMAIL
 In Charge: G. Ting Reported by: P.S. Song

HISTORY

MILESTONE DATES:
 Installation Jan. 93-Mar. 93 First Beam Apr. 93
 DESIGN/CONSTRUCTION BY: TRIUMF/EBCO
 COST: Accelerator Facility
 FUNDED BY: Government of Rep. of China

STATUS

STAFF: Operators 4 Technicians 4
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production ~ 70 %
 (b) Engineering Application ~ 15 %
 (c) Other ~ 15 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) H^- 15-30	350	H^- 350p	
(b) D^- 8-15 (MeV)	150	D^- 150a	

1991 μ A-hours on target:

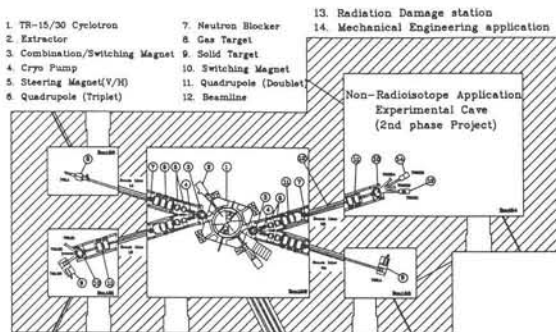
FACILITIES

SHIELDED AREA: Fixed 207 m² Moveable m²
 Target Stations: 5 No. Served At Same Time: 2
 OTHER FACILITIES:
 Radiochemical & Radiopharmaceutical production facilities including hot cell, lead-shielding aseptic glove box, aseptic rooms.

REFERENCES/NOTES

- (a) This cyclotron machine with 3 isotope production stations will be established completely in June 1993.
- (b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU76 Date 10 July 1992
 Cyclotron Model PHILIPS
 Institution AMERSHAM INTERNATIONAL PLC
 Address AMERSHAM LABORATORIES, WHITE LION ROAD, AMERSHAM, BUCKS.
 Tel (0)494-54-3550 Telex ACTIVLG
 Fax (0)494-54-3674 EMAIL
 In Charge: TIM GREY-MORGAN Reported by: DEWI M LEWIS

HISTORY

MILESTONE DATES:
 Installation 1963-65 First Beam 1966
 DESIGN/CONSTRUCTION BY: PHILIPS
 COST: Accelerator £0.35M Facility £0.30M
 FUNDED BY: UK ATOMIC ENERGY AUTHORITY

STATUS

STAFF: Operators 6 Technicians 4
 BUDGET: Machine Funded by Commercial
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) ISOTOPE PRODUCTION 70 %
 (b) MAINTENANCE 30 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)		max
		Internal	External	
(a) p 27		600		
(b) d 16		1600		

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed m² Moveable m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES:
 REMOTE CONTROL TARGET
 NON OPERATOR COMPUTER CONTROL
 NON OPERATOR TARGET CHANGING

REFERENCES/NOTES

- (a)
- (b)

PLAN VIEW OF FACILITY, COMMENTS