

(b) and (c). The target set for export of consumer electronic items during 1989-90, including that by EPZ units/100% EOUs was Rs. 70 crores. The export projection figures for 1990-91 to 1994-95 (VIII Five Year Plan) are yet to be finalised.

Expansion of Talaja Unit of B.E.L.

4046. SHRI VAMANRAO MAHADIK: Will the PRIME MINISTER be pleased to state:

(a) whether the Union Government, in the recent past, have received any proposal from M/s Bharat Electronics Ltd. for expansion of their Talaja Unit;

(b) if so, the details thereof;

(c) whether Government have asked M/s Bharat Electronics Ltd. to start the production of the Colour TV tubes at their Talaja unit;

(d) if so, by when the production is proposed to be started and the estimated capacity per annum;

(e) whether Government propose to hand over the operations of M/s Bharat Electronics Ltd., Talaja to some other public/private undertaking; and

(f) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (DR. RAJA RAMANNA): (a) and (b). Bharat Electronics had submitted a proposal in 1988 to enhance the capacity of the Talaja plant from 1 million Black and White TV glass shells to 2.2 million at an estimated cost of about Rs. 18 crores with a foreign exchange content of Rs. 12.82 crore.

(c) and (d). Government have not asked Bharat Electronics to produce Colour TV

tubes at the Talaja plant.

(e) No, Sir.

(f) In view of reply to (e) above, does not arise.

Development in the Field of Atomic Energy

4047. SHRI KAMAL CHAUDHRY: Will the PRIME MINISTER be pleased to state:

(a) whether new developments and advances were made during the year 1989 in the field of Atomic Energy in the country; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENT OF EDUCATION IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (PROF. M.G.K. MENON): (a) and (b) Some of the important new developments and advances made during the year have been:

(i) Narora Atomic Power Station-1 achieved criticality in March 1989 and was raised to 50% power level by the end of 1989;

(ii) Dhruva Research Reactor at Trombay is functioning well at full power. It is continuously being utilised for Research and Radioisotope production. Several state-of-the-art computer-controlled spectrometers have been commissioned for advanced research using Neutron beams;

(iii) The problems of Fast Breeder Test Reactor (FBTR) at Kalpakkam have been solved and it is now operating

again. This has been achieved entirely indigenously with considerable inputs of automation and special tool design;

- (iv) In 1989 the Department faced an unusual problem of failure of moderator inlet manifolds at both the units of MAPS and the challenges posed by this problem were successfully solved. This represents a major achievement in advanced repair technology;

- (v) The first indigenous Radiation Sterilization Plant 'Rashmi' with a capacity to process 6000 medical products per day, has been commissioned at Bangalore

Isomed plant at Trombay has continued to offer irradiation services to Pharmaceutical Industries and Hospitals. BARC has supplied radio isotopes and related equipment worth about Rs. 4 crores to users in the country and abroad;

- (vi) Board of Radiation and Isotope Technology has been formed for accelerating the commercial utilisation of radioisotopes in industry, agriculture and medicine;

- (vii) Several new mutants of rice mungbean, groundnut, mustard and jute, developed at BARC, have been released for commercial cultivation;

- (viii) The infrastructure at Centre for Advanced Technology, Indore, has been strengthened and research initiated in frontier areas of science and technology such as Lasers and Accelerators. A major achievement has been completion of the design and beginning of fabrication of the

synchrotron radiation source Indus-I;

- (ix) The 14 UD medium energy heavy ion accelerator facility 'Pelletron' was made fully operational for advanced research in nuclear physics;

- (x) Front line research in new fields like cold fusion and high temperature super conductors is progressing well;

- (xi) The Atomic Energy Regulatory Board (AERB) formalised procedures for authorisation of construction, commissioning and operation of nuclear installations. All new nuclear power plants and radiation installations would be approved only after a multistage safety review.

Allocation to Punjab in Seventh Plan

4048. SHRI KAMAL CHAUDHRY: Will the PRIME MINISTER be pleased to state:

- (a) the amount allocated to Punjab under Plan expenditure during the Seventh Five Year Plan year-wise and head-wise; and

- (b) the basis on which the above amount was allocated?

THE PRIME MINISTER (SHRI VISHWANATH PRATAP SINGH): (a) A statement is attached indicating head-wise and year-wise break-up of outlays allocated to Punjab during the Seventh Plan period.

- (b) Outlays are allocated on the basis of the availability of resources including State's own resources, Central Assistance as per modified Gadgil Formula and other Central Grants/loans.