

**SPACE AND ELECTRONICS (SHRI SHIVRAJ V. PATIL) :** (a) Yes, Sir.

(b) Two reactor units at Tarapur (Maharashtra), two units at Kota (Rajasthan) and one unit at Kalpakkam (Tamilnadu) have been set up. Unit-I of Rajasthan Atomic Power Station has been shutdown since March 4, 1982 due to a leak in one of the end shields. Unit-II of Madras Atomic Power Station is expected to be commissioned during this year. Gross generation of energy from these stations for the year 1984 is 1776.47 million units, 995.15 million units and 1264.25 million units respectively.

(c) Yes, Sir.

(d) There is a proposal to instal 12 units of 235 MWe pressurised heavy water reactors and 10 units of 500 MWe pressurised heavy water reactors by the turn of the century. The cost of two units of 235 MWe is estimated at Rs. 530 crores based on 1983 price level. The corresponding figure for two units of 500 MWe is Rs. 1000 crores. These units are expected to be commissioned before the end of the century.

(e) Nuclear Power Stations adopt a multipronged approach to safety of the public and plant personnel. An exclusion area covered by 1.6 Km. radius around the plant is acquired by the Station and fenced off. Population settlement is controlled over an area covered by a radius of 5 kms around the plant. Redundancy is built in the design of plant cooling systems, ventilation systems, control and protection systems. Rigid quality control measures are required to be implemented during design, material selection, fabrication of equipment, installation and plant operation. Release of radioactivity to the environment are continuously monitored and controlled. Double containment is provided consisting of a prestressed concrete leak tight reactor building enclosed in a reinforced concrete building to prevent release of

radio-activity in the unlikely event of an accident. At each of the stations independent health physicists outside the control of station management monitor all safety related activities.

**Construction of Yatri Serai at Naina Devi**

176. **PROF. NARAIN CHAND PARASHAR :** Will the Minister of TOURISM AND CIVIL AVIATION be pleased to state :

(a) whether the Yatri Serai under construction at Sri Naina Devi in Bilaspur District of Himachal Pradesh (undertaken at the instance of Yatri Awas Vikas Samiti); has since been completed;

(b) if so, the date on which the construction has been completed alongwith the total cost incurred in this regard ; and

(c) if not, the likely date for the completion of the project and the estimated cost alongwith the reasons for delay and the dates on which the project was sanctioned and the construction work begun ?

**THE MINISTER OF STATE IN THE MINISTRY OF TOURISM AND CIVIL AVIATION (SHRI ASHOK GEHLOT) :** (a) No Sir.

(b) Not applicable.

(c) On the recommendation of the Managing Committee of Bharatiya Yatri Awas Vikas Samiti, the Department approved the project of construction of a yatrika at Naina Devi, at an estimated cost of Rs. 9.25 lakhs. The Samiti had secured a plot measuring 1 bigha and 16 viswa for the construction of this Yatrika. The Samiti has further informed us that the tenders were invited several times for construction of Yatrika at Naina Devi but they did not received satisfactory response. Therefore the proposal will again be examined by the Management Committee of the Bharatiya Yatri Awas Vikas Samiti for further action.