

(c) if no steps have been taken, the reasons therefor ?

THE MINISTER OF PLANNING AND MINISTER OF SCIENCE AND TECHNOLOGY (SHRI C. SUBRAMANIAM) : (a) Yes, Sir.

(b) The details of the development of Forest Cruiser have been published by the Central Scientific Instruments Organisation, Chandigarh in its quarterly bulletin "*Instrument News*" which is Circulated to more than 2000 organisations including manufacturing units. Discussions are in progress with a few interested parties for the release of know-how. To meet the urgent needs of the Forest Department, batch production of the instrument has been started by the Institute.

(c) Does not arise.

**Solar Water Heater invented by Central Building Research Institute, Roorkee**

4205. SHRI B. R. SHUKLA : Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state :

(a) whether experiments conducted at the Central Building Research Institute, Roorkee have resulted in evolving solar water heater (140 litres capacity) :

(b) whether such heaters have been utilised anywhere in the country ; and

(c) whether they have been found successful ?

THE MINISTER OF PLANNING AND MINISTER OF SCIENCE AND TECH-

NOLOGY (SHRI C. SUBRAMANIAM) : (a) Yes, sir.

(b) and (c). Licences for manufacturing of such solar water heaters have been given to the following two firms :—

(i) M/s. M. S. J. (Engineers) & Co.,  
Khanjarpur, Roorkee, U. P.

(ii) M/s. Bihar Ispart (Engineers)  
Ltd., 17, Ganesh Chandra Avenue,  
Calcutta 13.

Some Units of those water heaters are in use at roorkee and these have been reported to be working satisfactorily.

**Generation of Atomic Power for Commercial Supply**

4206. SHRI S. R. DAMANI : Will the Minister of ATOMIC ENERGY be pleased to state :

(a) the schemes at present under implementation to generate atomic power; and

(b) the total cost of each scheme and when the power will be available for commercial supply ?

THE PRIME MINISTER, MINISTER OF ATOMIC ENERGY, MINISTER OF HOME AFFAIRS AND MINISTER OF INFORMATION AND BROADCASTING (SHRIMATI INDIRA GANDHI) : (a) and (b). The required information is given below :

Name of Station	Capacity	Estimated Cost (Rupees in Crores)	Expected date of attaining criticality (Full commis- sioning can be expected a few months after criticality)
1. Rajasthan Atomic Power Station—			
Unit I	200 MWe	60.40	Late 1971
Unit II	200 MWe	66.85	1974
2. Madras Atomic Power Station—			
Unit I	215 MWe	77.10	1975
Unit II	215 MWe	70.63	1976