

ऊर्जा के अन्य स्रोतों की, जिनमें तेल भी शामिल है, बचत कर सकेगा।

Heavy Water for Nuclear Plants

650. SHRI RAMANAND YADAV:

SHRIMATI AMARJIT KAUR:

SHRI SHIVA CHANDRA JHA:

Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that India is not capable to produce heavy water for its nuclear plants in the country;

(b) whether it is also a fact that many nuclear plants in the country are closed fully or partially due to non-availability of heavy water;

(c) if answer to part (a) above be in the affirmative, what is the quantum of heavy water needed to keep India's nuclear plants running per year and what is the quantum of heavy water India produces per year; and

(d) whether Govt. propose to import heavy water to keep its nuclear plants running?

THE MINISTER OF STATE IN THE DEPARTMENTS OF SCIENCE AND TECHNOLOGY, ELECTRONICS AND ENVIRONMENT AND OCEAN DEVELOPMENT (SHRI CHANDRA PRATAP NARAIN SINGH): (a) No Sir, India has the capability to produce heavy water by more than one established process.

(b) The only nuclear reactor awaiting receipt of heavy water for criticality is Madras Atomic Power Plant Unit-I.

(c) The requirement of heavy water for the initial charge of 235 MWe pressurised heavy water reactor at Madras Atomic Power Plant is 240 tonnes and the make up requirement is in the region of 10-15 tonnes. The target for production of heavy water from the operating Heavy

Water Plant in the country for the current financial year is 80 tonnes.

(d) There is an existing contract for import of 256 MT of heavy water from USSR under which 50 MT of heavy water is expected during 1982-83.

Atomic Power Plant in Andhra Pradesh

651. SHRI GHOUSE MOHIUDDIN SHEKH: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Govt. are contemplating to set up 460 M.W. capacity Atomic Power Plant at Nagarjuna Sagar in Andhra Pradesh; and

(b) if so, by when the work is proposed to be started on this project?

THE MINISTER OF STATE IN THE DEPARTMENTS OF SCIENCE AND TECHNOLOGY, ELECTRONICS AND ENVIRONMENT AND OCEAN DEVELOPMENT (SHRI CHANDRA PRATAP NARAIN SINGH): (a) and (b) A Site Selection Committee has been appointed by Govt. to select suitable sites for the location of Atomic Power Plants in the Western, Northern and Southern Regions. The question of setting up an Atomic Power Plant in the Southern Region of which Andhra Pradesh forms a part can be considered after the Committee submits its report.

Tarapur Atomic Plant

652. SHRI RAMANAND YADAV: Will the PRIME MINISTER be pleased to state:

(a) what is the present position regarding the working of the Tarapur Atomic Plant; and

(b) how long its existing stock of nuclear fuel resources is likely to last and whether the project is working to its full capacity?