

Restriction on putting nuclear power reactors

742. SHRI B.S. GNANADESIKAN:

SHRI SANTOSH BAGRODIA:

Will the PRIME MINISTER be pleased to state:

- (a) whether there is any restriction imposed on putting up US nuclear power reactors in different parts of the country;
- (b) if so, the basis and criteria; and
- (c) the places where US made nuclear power reactors would be finally put up and by when?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):

(a) to (c) Setting up of significant nuclear power capacity through power reactors of 1000 MW or higher capacity in cooperation with foreign countries, including the USA, requires abundant cooling water and sea route for transportation of heavy equipment. Coastal sites, therefore are better suited for such nuclear power parks with eventual capacity of 6000-8000 MW. Two sites, one at Kovvada in Andhra Pradesh and another at Chhayamithi Virdi in Gujarat have been approved in principle for setting up reactors based on co-operation with the USA. Presently discussions on setting up of nuclear power plants are being held with US companies.

Cost of nuclear power technology

743. SHRI A. ELAVARSAN: Will the PRIME MINISTER be pleased to state:

- (a) whether Government has asked US to reduce the nuclear power cost and the cost of nuclear power technology it is offering to India;
- (b) if so, the details thereof;
- (c) whether the cost of the US nuclear power technology is Rs.15-16 crores per MW against Rs.7-8 crore per MW in India; and
- (d) if so, the details thereof?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):

(a) to (d) During informal discussions with US companies in various fora, need for commercial viability of the projects has been emphasised.

Target of atomic energy

744. SHRI RAMA CHANDRA KHUNTIA: Will the PRIME MINISTER be pleased to state:

- (a) the target of a Atomic Energy by the end of this Five Year Plan;
- (b) whether we have been able to achieve the target; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):

(a) The nuclear power capacity addition target for the XI Plan (2007-12) is 3160 MW.

(b) A capacity of 220 MW has been added by completion of RAPP Unit-5 at Rawatbhata, Rajasthan. Another 220 MW is expected to be added through completion of RAPP Unit-6 by March 2010. Further capacity addition through progressive completion of Kaiga Unit-4 (220 MW), twin units of Kudankulam Nuclear Power Project 1&2 (2000 MW) and Fast Breeder Reactor (500 -MW) at Kalpakkam which are in advanced stages of completion. They are likely to be completed in the remaining two years of the Plan period.

(c) Does not arise.

Uranium deposits in country

745 SHRI SYED AZEEZ PASHA: Will the PRIME MINISTER be pleased to state:

(a) whether Uranium Corporation of India has located high value uranium deposits in different parts of the country;

(b) the costs incurred by the Uranium Corporation of India for exploration and other expenses in the last three years;

(c) the details of such findings, State-wise;

(d) the expected revenue and the earmarked share for Andhra Pradesh; and

(e) the present status of such projects in Andhra Pradesh?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):

(a) Yes Sir, Atomic Minerals Directorate for Exploration & Research (AMD), a constituent unit under Department of Atomic Energy (DAE) has located uranium deposits in different parts of the country.

(b) The costs incurred by the AMD for exploration and other expenses in the last three years are as follows:

(Rupees in crores)

Year	Non Plan	Plan		
		R&D Sector	I & M Sector	Total
2006-2007	59.48	15.74	4.94	20.68
2007-2008	63.40	29.70	14.35	44.05
2008-2009	99.72	50.81	43.01	93.82
TOTAL :	222.60	96.25	62.30	158.55