

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.2949
TO BE ANSWERED ON 20.12.2012

NUCLEAR POWER PLANTS IN THE TWELFTH PLAN

2949. DR. T. SUBBARAMI REDDY:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government proposes to set up new nuclear power plants in the country during the Twelfth Plan period;
- (b) if so, the details along with the proposed locations thereof;
- (c) the status of work at the various nuclear power reactors which are under construction; and
- (d) the year in which construction started at these sites and the time by which they are likely to be made operational?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY) :

- (a) Yes, Sir.
- (b) The details on project on which work is planned to be started in the XIIth Five year Plan are given below :-

Project	Location	Capacity (MW)
Indigenous Reactors		
Gorakhpur, Units 1&2	Gorakhpur, Haryana	2X700
Chutka , Units 1&2	Chutka, Madhya Pradesh	2X700
Mahi Banswara, Units 1&2	Mahi Banswara, Rajasthan	2X700
Kaiga , Units 5&6	Kaiga, Karnataka	2X700
Fast Breeder Reactor Units 1&2	Kalpakkam, Tamil Nadu	2X500
Advanced Heavy Water Reactor	Site to be decided	300
Reactors with Foreign Technical Cooperation		
Project	Location	Capacity (MW)
Kudankulam Units 3&4	Kudankulam, Tamil Nadu	2X1000
Jaitapur Units 1&2	Jaitapur, Maharashtra	2X1650
Kovvada Units 1&2	Kovvada, Andhra Pradesh	2X1500
Chhaya Mithi Viridi Units 1&2	Chhaya Mithi Viridi, Gujarat	2X1100

- (c)&(d) The details of projects under construction are given below :

Project	Location	Capacity (MW)	Start of construction (First pour of Concrete)	Current status and Physical Progress (%) as of November 2012	Expected completion
Kudankulam Nuclear Power Project, Units 1&2	Kudankulam, Tamil Nadu	2X1000	March, 2002	Advanced Stage of Commissioning. 97.03%	Unit-1-2012-13 Unit-2-2012-14
Kakrapar Atomic Power Project, Units 3&4	Kakrapar, Gujarat	2X700	November, 2010	Under construction 30.6%	2016-17
Rajasthan Atomic Power Project, Units 7&8	Rawatbhata, Rajasthan	2X700	July, 2011	Under construction 19.2%	2016-17
Prototype Fast Breeder Reactor	Kalpakkam, Tamil Nadu	1X500	December 2004	Under Construction 91.25%	2014-15