

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:360

ANSWERED ON:25.02.2015

NUCLEAR POWER PLANTS

Sonker Smt. Neelam;Tripathi Shri Sharad

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the Government is formulating any scheme for setting up new nuclear power plants in the country;
- (b) if so, the location-wise details thereof;
- (c) whether the existing nuclear power plants are facing any safety concerns; and
- (d) if so, the manner in which the said concerns are proposed to be addressed?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH) :

(a)&(b) The Government in July 2014 had set a target of tripling the then existing capacity of 4780 MW in the next ten years viz. 2024. The details in this regards are as under:

Project	Location	Capacity (MW)	Status
Kudankulam Nuclear Power Project Unit-1	Kudankulam, Tamil Nadu	1000	Commissioned recently

Kudankulam Nuclear Power Project Unit-2	Kudankulam, Tamil Nadu	1000	Under commissioning
Kakrapar Atomic Power Project Units 3&4	Kakrapar, Gujarat	2 X 700	Under various stages of construction

Rajasthan Atomic Power Project Units 7&8	Rawatbhata, Rajasthan	2 X 700	Under various stages of construction
--	-----------------------	---------	--------------------------------------

Gorakhpur Haryana Anu Vidyut Pariyojana	Gorakhpur, Haryana	2 x 700	Being prepared for launch in 2015-16
---	--------------------	---------	--------------------------------------

Chutka Madhya Pradesh Atomic Power Project	Chutka, Madhya Pradesh	2 x 700	Under Pre-project activities
--	------------------------	---------	------------------------------

Kudankulam Nuclear Power Project	Kudankulam, Tamil Nadu	2 x 1000	Being prepared for launch in 2015-16
----------------------------------	------------------------	----------	--------------------------------------

In addition, the following sites are approved "In-principle" for additional reactors to be set up in future. Currently these sites are under pre-project activities which include land acquisition, obtaining Environmental clearances, evaluation of techno commercial offers in respect of LWRs to be set up with foreign technical cooperation.

Project	Location	Capacity (MW)
---------	----------	---------------

Indigenous Reactors

Mahi Banswara, 1&2	Mahi Banswara, Rajasthan	2 x 700
Kaiga 5&6	Kaiga, Karnataka	2 x 700
Fast Breeder Reactor (FBR 1&2)	Kalpakkam, Tamil Nadu	2 x 500

Advanced Heavy Water Reactor (AHWR)	Location to be decided	300
-------------------------------------	------------------------	-----

Reactors with Foreign Cooperation	Jaitapur, Maharashtra	2 x 1650
Jaitapur Nuclear Power Project (JNPP 1&2)		
Kovvada, 1 & 2	Kovvada, Andhra Pradesh	2 x 1500
Chhaya Mithi Virdi, 1&2	Chhaya Mithi Virdi, Gujarat	2 x 1100

(c) No, Sir.

(d) Do not arise. However, safety being an ongoing process, constant review of safety aspects effecting necessary upgrades thereof in line with the evolving safety standards at par with the best international standards is a regular practice in Nuclear Power Corporation of India Limited (NPCIL)