

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.325
TO BE ANSWERED ON 23.07.2015

SAFETY AND SECURITY OF NUCLEAR PLANTS

325. DR. V. MAITREYAN:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government has ensured the safety and security for all the Nuclear/Atomic Power plants of NPCIL and the Department for ensuring hi-tech electronic security and surveillance;
- (b) if so, the details thereof and the list of Atomic/Nuclear Power Projects initiated in the country and the total amount allocated so far in the last five years;
- (c) whether NPCIL and AERB have planned to allocate any funds for the security and surveillance to install Perimeter Detection Solutions, and CCTV Camera and Biometric surveillance gadgets and surveillance system for all the Nuclear/Atomic Power plants in the country; and
- (d) if so, the details thereof and if not, the reasons therefor?

ANSWER

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

- (a) Yes Sir. Nuclear Power Plants in India are required to obtain clearances from Atomic Energy Regulatory Board (AERB). Nuclear safety and security aspects are reviewed by AERB before giving clearance for various stages of the projects from siting onwards.

AERB has specified safety and security requirements in its Codes & Guides which are in line with international standards. AERB has rigorous process for reviewing Nuclear Safety and Nuclear Security aspects of nuclear power projects through multi-tier reviews, apart from periodic regulatory inspections, to ensure adherence to the requirements.

- (b) Various electronic surveillance and security measures have been taken at all nuclear power plant sites of NPCIL. The list of nuclear power plants in operation and under construction is as given below.

Reactors in Operation

Location &.State	UNITS	Capacity (MW)
Tarapur, Maharashtra	TAPS-1	160
	TAPS-2	160
	TAPS-3	540
	TAPS-4	540
Rawatbhata, Rajasthan	RAPS-1*	100
	RAPS-2	200
	RAPP-3	220
	RAPS-4	220
	RAPS-5	220
	RAPS-6	220
Kalpakkam, Tamil Nadu	MAPS-1	220
	MAPS-2	220
Narora, Uttar Pradesh	NAPS-1	220
	NAPS-2	220
Kakrapar, Gujarat	KAPS-1	220
	KAPS-2	220
Kaiga, Karnataka	KGS-1	220
	KGS-2	220
	KGS-3	220
	KGS-4	220
Kudankulam, Tamil Nadu	KKNPP-1	1000

*under extended shutdown

Reactors under commissioning/construction

Location & State	UNITS	Capacity (MW)
Kudankulam, Tamil Nadu	KKNPP-2*	1000
Rawatbhata, Rajasthan	RAPS-7	700
	RAPS-8	700
Kakrapar, Gujarat	KAPS-3	700
	KAPS-4	700

*under commissioning

The total amount allocated in this regard in the last five years is approximately Rs. 225 crore.

- (c)&(d) Yes Sir. Adequate allocations have been made for installation, upgradation and maintenance of various surveillance equipment and other security measures at nuclear power plant sites.