

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.327
TO BE ANSWERED ON 23.07.2015

NUCLEAR REACTORS UNDER IAEA

327. SHRI AAYANUR MANJUNATHA:

Will the PRIME MINISTER be pleased to state:

- (a) whether all the nuclear power reactors in the country are under the International Atomic Energy Agency (IAEA) safeguards, if so, the details thereof, reactor-wise;
- (b) whether all these reactors are fuelled by indigenous uranium and if so, the details thereof; and
- (c) if not, the details of the countries from where uranium is being imported for fuelling these reactors ?

ANSWER

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

- (a) No, Sir. At present 14 nuclear power reactors out of the 22 reactors (in operation/ under commissioning) are under International Atomic Energy Agency (IAEA) Safeguards. The details of reactors under IAEA Safeguards are as under:

Unit	Location	Capacity (MW)
Tarapur Atomic Power Station Units 1&2 (TAPS 1&2)	Tarapur, Maharashtra	2 X 160
Rajasthan Atomic Power Station Units 1&2 (RAPS 1&2)	Rawatbhata, Rajasthan	100+200
Rajasthan Atomic Power Station Units 3&4 (RAPS 3&4)		2 X 220
Rajasthan Atomic Power Station Units 5&6 (RAPS 5&6)		2 X 220
Kakrapar Atomic Power Station Units 1&2 (KAPS 1&2)	Kakrapar, Gujarat	2 X 220
Narora Atomic Power Station Units 1&2 (NAPS 1&2)	Narora, Uttar Pradesh	2 X 220
Kudankulam Nuclear Power Projects Units 1&2 (KKNPP 1&2*)	Kudankulam, Tamil Nadu	2 X 1000

* KKNPP-2 is under commissioning

- (b) No, Sir. The reactors under IAEA Safeguards are fuelled by imported uranium.

- (c) Consequent upon Civil Nuclear cooperation, the Department of Atomic Energy (DAE) has been importing Uranium Ore to meet the Fuel requirements of Safeguarded Nuclear Reactors. As part of this activity, Contractual Agreements were entered into with M/s. AREVA, France (during 2008), M/s. JSC TVEL Corporation, Russia (during 2009), M/s. NAC Kazatomprom, Kazakhstan (during 2009), M/s Navoi Mining & Metallurgical Combinat State Company (NMMC), Uzbekistan (during 2013) and M/s Cameco, Canada.
