

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
STARRED QUESTION NO. 127
ANSWERED ON- 31.07.2024

OPERATIONAL SAFETY OF NUCLEAR POWER PLANTS

*127. SHRI RAO RAJENDRA SINGH:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government is aware of any discrepancies in the operational safety of nuclear power plants operating in the country and if so, the details thereof and if not, the reasons therefor;
- (b) whether the Government is aware of any long term deformities or diseases seen in the population surrounding such nuclear plants including Rajasthan Atomic Power Plant (RAPP) in Kota and if so, the details thereof and if not, the reasons therefor;
- (c) whether the Government is keen on establishing more such nuclear power plants and if so, the details thereof and if not, the reasons therefor; and
- (d) whether the Government has established a Nuclear Fuel Complex in Kota, Rajasthan and if so, the details thereof and if not, the character of the Nuclear Complex established in the city?

ANSWER

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

(a) to (d): A statement is placed on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (D) IN RESPECT OF LOK SABHA STARRED QUESTION NO. 127 FOR REPLY ON 31.07.2024 REGARDING OPERATIONAL SAFETY OF NUCLEAR POWER PLANTS ASKED BY SHRI RAO RAJENDRA SINGH.

- (a) There are no discrepancies in operational safety of nuclear power plants. Nuclear power plants are operated by highly trained personnel licensed by the Atomic Energy Regulatory Board (AERB), in line with laid down procedures. These procedures are periodically reviewed and upgraded as required.
- (b) Epidemiological survey for health assessment in respect of employees working in the nuclear power plants and their families, who stay in the nearby township and villages, have been carried out for the nuclear power plant sites by reputed local medical colleges and the analysis has been carried out by Tata Memorial Hospital, Mumbai, the premier cancer research centre of the country. All these studies have established that there are no adverse effects of the operation of the nuclear power plants on the people living in and around the plants.
- (c) Yes. In this regard, presently nine (9) nuclear power reactors with a total capacity of 7300 MW are under construction and twelve reactors with a capacity of 8000 MW under pre-project activities.
- (d) A greenfield Project “Setting up of a new production facility of Nuclear Fuel Complex (NFC) at Rawatbhata, Kota, Rajasthan consisting of PHWR Fuel Fabrication Facility (PFFF) and Zircaloy Fabrication Facility (ZFF)” to produce 500TPY of fuel tubes with an outlay of Rs.4256.20 crores is in advanced stages of completion at Rawatbhata, Chittorgarh Dist., Rajasthan which is about 50Km away from the city of Kota.
