

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO- 3688**  
ANSWERED ON 03/04/2025

**SAFETY OF ATOMIC ENERGY PLANTS**

3688. SHRI SANT BALBIR SINGH

Will the PRIME MINISTER be pleased to state:-

- (a) the measures and protocols being implemented to ensure the safety of atomic energy plants and facilities and how are these being monitored;
- (b) whether the Ministry is involved in any international collaborations or partnerships to advance nuclear technology and energy generation; and
- (c) whether the Ministry has any plans for increasing public awareness regarding the benefits and safety of nuclear energy as well as addressing concerns from the general public?

**ANSWER**

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

- (a) Highest priority is accorded to safety in all aspects of nuclear power viz. siting, design, construction, commissioning, and operation. Nuclear power plants are designed adopting safety principles of redundancy, diversity and provided fail-safe design features following a defence-in-depth approach, in line with codes and guides of Atomic Energy Regulatory Board (AERB). The operations are performed adopting well laid out procedures by highly qualified, trained and licensed personnel. Appropriate Personal Protection Equipments and monitoring aids are provided to all the personnel working in the nuclear power plants. The safety of nuclear power plants is continuously monitored and reviewed by the AERB.
- (b) India is member state of multilateral organization International Atomic Energy Agency (IAEA) and scientific officers of the Department are participating regularly in events organized by IAEA on advance nuclear technology development for knowledge sharing.
- (c) A large public awareness and outreach programme based on a structured multipronged approach is implemented by NPCIL to spread awareness and address the apprehensions of the people in a credible and easy to understand manner.

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