

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2411
ANSWERED ON:11.03.2015
IMPACT OF RADIATION
Roy Prof. Saugata

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the Government has assessed the impacts of radiation in surrounding localities of nuclear plants in the country;
- (b) if so, the details thereof;
- (c) the details of rehabilitation packages offered to the residents of these areas;
- (d) whether the concerned State Governments are also taken into confidence in respect of the rehabilitation process; and
- (e) 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.

(b) Environmental matrices like air, water, soil, vegetation, crops, milk, fish, etc. around each of the nuclear power plant (NPP) are regularly monitored by an independent Environmental Survey Laboratory (ESL) set up at each site. The data collected at each site has established that the change in radioactivity and radiation levels in the environment/environmental matrices compared to the base line data collected before the operation of the nuclear power plants is a negligible fraction of the naturally existing background radiation level and also a very small percentage of the limit stipulated by the Atomic Energy Regulatory Board (AERB).

Epidemiological surveys have also been conducted by Tata Memorial Centre, the premier cancer research institute in India.

(c) Does not arise as there have been no ill effects of radiation on the people living in the vicinity of the nuclear power plants due to their operation. However, the rehabilitation packages have been implemented in line with the then prevailing state government/central government Rehabilitation and Resettlement (R&R) packages at the time of the land acquisition for these projects and the compensation packages for the land have already been concluded.

(d)&(e) Does not arise in view of (c) above.