

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3702**  
TO BE ANSWERED ON 11.08.2021

**Atomic Radiation**

3702. SHRI ASHOK MAHADEORAO NETE:

Will the PRIME MINISTER be pleased to state:

- (a) whether cases of scientists/employees working in various nuclear plants as well as the local people coming into contact with atomic radiation have come to light;
- (b) if so, the details thereof during the last two years;
- (c) the remedial measures taken by the Government in this regard;
- (d) whether wide use of nuclear energy is proving to be a boon in the fields of medical treatment and agriculture;
- (e) if so, the details thereof; and
- (f) the details of active schemes proposed to be formulated by the Government for timely completion of the work of nuclear plants in the country?

**ANSWER**

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

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- (a)&(b) There have been no incidents of radiation exposure to occupational workers and local population at nuclear power plants in the country beyond limits stipulated by the Atomic Energy Regulatory Board (AERB) during the last two years.
- (c) Does not arise in view of (a) & (b) above.
- (d) Yes Sir.
- (e) Radiation Sources (radioactive substance and radiation generating equipment) have been successfully and extensively deployed in Healthcare & Agriculture for societal benefit. These applications have made considerable

impact in diagnosis and treatment of several health conditions, particularly of cancer and availability of improved crop varieties especially, oil seeds and pulses, microbiological safety of food and enhancement of shelf-life of certain vegetables and fruit.

Atomic Energy Regulatory Board (AERB) is issuing licenses for use of radiation sources in the above societal applications under the Atomic Energy Radiation Protection Rules, 2004.

- (f) Constant monitoring of progress of project activities at multiple levels, timely identification of constraints & making necessary mid-course corrections, frequent meetings with vendors / contractors and re-sequencing of construction activities to the extent possible, have been taken up to ensure the timely implementation of the nuclear power projects.

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