

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO.1924**  
TO BE ANSWERED ON 04.01.2018

**LEAKAGE OF RADIOACTIVE WASTE FROM BARC**

1924. SHRI PARTAP SINGH BAJWA:

Will the PRIME MINISTER be pleased to state:

- (a) whether there is leakage of radioactive waste from the Bhabha Atomic Research Centre (BARC) into Thane Creek and if so, the details thereof;
- (b) whether Government has taken any steps to stop such leakage and if so, the details thereof;
- (c) whether Government has made any study to assess the impact of radioactive waste leakage on environment and health and if so, the details thereof; and
- (d) the action taken/proposed to be taken in this regard?

**ANSWER**

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

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- (a) Sir, there is no leakage of radioactive waste in the Thane Creek from BARC facilities at Trombay. All effluents are treated to bring the discharge levels well below the stringent regulatory limits set by Atomic Energy Regulatory Board (AERB) before they are discharged from the BARC facilities to the Thane Creek.
- (b) Does not arise in view of (a) above.
- (c) An environmental surveillance program is carried out regularly at Thane Creek for the measurement of various manmade radionuclides in different matrices like water, biota and sediment. From the analysis, it is observed that the levels of radioactivity in Thane Creek are particularly the same as that of natural background. Hence, there is no hazard to the health of general public and to the environment due to the discharges from BARC facilities.
- (d) Does not arise in view of (c) above.

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