

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:4241  
ANSWERED ON:21.04.2010  
LIFE OF NUCLEAR POWER STATIONS  
Das Shri Ram Sundar;Shankar Alias Kushal Tiwari Shri Bhisma

**Will the Minister of ATOMIC ENERGY be pleased to state:**

- (a) the names of nuclear power stations whose life span is going to expire;
- (b) the steps taken to prevent the threats of radioactivity caused by these power stations;
- (c) the names of nuclear power stations where incidents of radioactivity leakage have occurred during the last three years and till date;
- (d) whether the Government has conducted or proposes to conduct any study to assess the impact of radioactivity on the families residing near these stations?
- (e) If so, the details of the study thereof; and
- (f) the action taken or proposed to be taken by the Government in this regard?

**Answer**

THE MINISTER OF STATE FOR SCIENCE & TECHNOLOGY AND EARTH SCIENCES (INDEPENDENT CHARGE), PMO, PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND PARLIAMENTARY AFFAIRS. (SHRI PRITHVIRAJ CHAVAN):

- (a) Nil. Internationally, the economic life of nuclear power stations is 30-40 years. Based on systematic life assessment studies and life extension measures, the nuclear power plants can be safely operated for another 20-25 years. In India also our experience has been similar. Operation of all plants is subject to licensing by the Atomic Energy Regulatory Board (AERB) and review of operation from time to time.
- (b) Not applicable.
- (c) During the last three years, there has been no incident of leakage or discharge of radioactivity beyond the limits specified by the AERB.
- (d) Epidemiological surveys to assess the effects of radiation among the employees and their family members who reside near the nuclear power plants have been completed by the Tata Memorial Centre, a premier research institute in India.
- (e) The above surveys have indicated that the operations of nuclear power plants have no ill effects on health.
- (f) Not applicable in view of (e) above.