

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

STARRED QUESTION NO:197
ANSWERED ON:18.12.2013
SAFETY REVIEW OF ATOMIC POWER PLANTS
Viswanathan Shri P.

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the safety review of the atomic power plant in Rawatbhata in Rajasthan has been done recently by the International Atomic Energy Agency (IAEA);
- (b) if so, the details thereof including the deficiencies noticed and suggestions made by the safety review team to further improve operations and the steps taken/ proposed to be taken to rectify deficiencies/ improve operations;
- (c) whether the review team has identified a series of good practices at Rawatbhata to be shared by IAEA with the global nuclear industry and if so, the details thereof;
- (d) whether similar safety review has been proposed for all the nuclear power plants in the country; 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 (SHRI V. NARAYANASAMY) :

- (a) Yes, sir.
- (b) The safety review of Rajasthan Atomic Power Station (RAPS) Units 3&4 at Rawatbhata was carried out by the Operational Safety Review Team (OSART) of the International Atomic Energy Agency (IAEA), at the invitation of the Government of India, during October 29 to November 14, 2012. The OSART mission made recommendation/suggestions for enhancement in areas of maintenance of cables and fire doors, surveillance testing, root cause analysis, station review mechanisms, control of chemicals and upgradation of site emergency control centre. The recommendations/suggestions made by OSART are in various stages of implementation.
- (c) Yes, sir. The OSART team identified several good practices to be shared with the global nuclear industry. These include, safety culture at the plant, opportunity to enhance skills & training, public awareness programme about nuclear safety and radiation, management of training and authorisation system, use of testing facilities and mockups to improve the maintenance work to enhance safety.
- (d) There is no proposal at present to get a similar review done at all nuclear power stations.
- (e) As a part of safety culture, periodic safety reviews of the Indian nuclear power plants are carried out by the regulatory authority, the Atomic Energy Regulatory Board (AERB). In addition, international peer reviews are also carried out. Post Fukushima, the Government had decided to further get the safety of Indian nuclear power plants reviewed by the OSART of IAEA and in this connection, OSART review of RAPS Units 3&4 was also carried out.