

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO.904
TO BE ANSWERED ON 20.12.2017

NUCLEAR PLANTS WITH FOREIGN SUPPORT

904. SHRI K. PARASURAMAN:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government has decided to construct additional nuclear plants across the country with the support of Russia and France;
- (b) if so, the details thereof;
- (c) whether the locations selected for building of such plants are vulnerable to natural disasters; and
- (d) if so, the details thereof and the steps taken by the Government with regard to protection of those plants in view of vulnerability of these locations?

ANSWER

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

(a)&(b) Light Water Reactors (LWRs) of large capacity are being setup at Kudankulam site in Tamil Nadu in co-operation with Russian Federation. Presently, at Kudankulam site, two units (KKNPP 1&2 - 2X1000 MW) are in operation, two units (KKNPP 3&4 - 2X1000 MW) are under construction and two more units (KKNPP 5&6 - 2X1000 MW) have been accorded administrative approval and financial sanction. In addition, the Government has accorded 'in principle' approval of Haripur site in West Bengal for setting up nuclear power plants in cooperation with Russian Federation. The site at Jaitapur in Maharashtra has been accorded 'in principle' approval for setting up reactors in cooperation with France.

(c)&(d) The sites for locating nuclear power plants are selected after carrying out extensive studies to ensure their safety from possible natural and man-made events in accordance with the Atomic Energy Regulatory Board (AERB) Code on Site Evaluation of Nuclear Facilities. These studies relate to seismicity & location of faults, geology, foundation conditions, meteorology, potential from flooding (tsunamis, rain and storms at coastal sites and rain and rivers including upstream dam breaks at inland sites), proximity to airports, military installation etc. Further, the nuclear power reactors are designed to withstand the impact of maximum postulated natural disasters likely at the site based on extensive studies.
