

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1714
TO BE ANSWERED ON 10.08.2011

URANIUM RESERVES

1714. SHRI KACHHADIA NARANBHAI:

Will the PRIME MINISTER be pleased to state:

- (a) the existing deposits of usable uranium in the country;
- (b) the per specialist quantum of uranium required to continue the present atomic power generation;
- (c) the authentic deposits of uranium being explored and the status of the exploration; and
- (d) the probable deposits of the uranium which is yet to be explored for commercially viable production?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND IN THE
PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY)

- (a) The Atomic Minerals Directorate for Exploration and Research (AMD), a constituent Unit of the Department of Atomic Energy has established the presence of 1,71,672 tonnes of Uranium (U_3O_8) as on 30.06.2011.
- (b) The indigenous uranium resources are adequate to fuel reactors of the capacity of about 10,000 MWe.
- (c) At present AMD is exploring uranium deposits at Tumallapalle-Rachkuntapalle, Kadapa District (Andhra Pradesh), Rohil, Sikar District (Rajasthan), Wahkut and Umthungkut (Meghalaya), Gogi, Gulburga District (Karnataka), Singridungri-Banadungri and Bangurdih, Singhbhum District (Jharkhand). Out of these deposits, 63,269 tonnes of uranium resources Uranium (U_3O_8) have been established during the XI Plan Period. In Rohil, the Exploratory Drilling done till date has established 5,100 tonnes of Uranium (U_3O_8). In Meghalaya, about 19,738 tonnes of Uranium (U_3O_8) has been established. In Gogi, 4,682 tonnes of Uranium (U_3O_8) has been established. In Jharkhand, about 50,978 tonnes of Uranium (U_3O_8) has been established.
- (d) There are number of smaller deposits in parts of Chhattisgarh basin, Bundelkhand Craton and Kaladgi Basin areas located at Chhattisgarh, Uttar Pradesh and Karnataka which are yet to be explored.
