

THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI V. NARAYANASAMY): (a) No, Sir.

(b) to (d) Do not arise.

**Uranium mines operating in country**

3262. SHRI MANGALA KISAN: Will the PRIME MINISTER be pleased to state:

(a) the details of uranium mines operating in the country and the average quantum of uranium produced every year, and the quality obtained, State-wise;

(b) the details of uranium and thorium mines which are found by Atomic Minerals Directorate and yet to come under operation, State-wise, as on today;

(c) the average quantum of uranium and thorium expected in a year out of all newly found uranium and thorium mines, site-wise and State-wise; and

(d) the details of budget released exclusively towards scientific research and survey towards finding uranium and thorium mines during the period 2007-08, 2008-09 and 2009-10?

THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI V. NARAYANASAMY): (a) The Uranium Corporation of India Limited (UCIL), a Public Sector Undertaking under the Department of Atomic Energy (DAE) is presently operating five underground mines at Jaduguda, Bhatin, Narwapahar, Turamdih and Bagjata and one opencast mine at Bandhuhurang, all in East Singhbhum District of Jharkhand State. It is not in the public interest to disclose the quantity of production of uranium.

(b) The details of projects which are yet to come under operation are:—

- i. Uranium mine at Tummalapalle, Kadappa District, Andhra Pradesh
- ii. Lambapur uranium project at Lambapur, Nalgonda District; Andhra Pradesh
- iii. Uranium mine at Gogi in Gulbarga District, Karnataka
- iv. Kyelleng Pyndengsohiong Mawathabah Project in West Khasi Hills District, Meghalaya. However, this project has not been taken up by UCIL for want of approval from Government of India.

Atomic Minerals Directorate for Exploration and Research (AMD), a Constituent unit of DAE has established 5.18 million tonnes of monazite in the following states, which are yet to come under operation:—

State	Monazite (in million tonnes)
Andhra Pradesh	3.74
West Bengal	1.22
Bihar	0.22
TOTAL	5.18

Indian Rare Earths Limited (IREL) a public sector Undertaking under DAE has been producing monazite, a mineral containing thorium from its mining and mineral separation plants located at Chavara, Kerala; Manavalakurichi, Tamil Nadu; and Orissa Sand Complex, Orissa. Indian Monazite on an average contains about 9-10% of Thorium Oxide.

(c) It is not in the public interest to disclose the quantity of production of uranium.

(d) Details of budget released are:

Year	Research and Development Sector	Industries and Minerals Sector
2007-2008	39.00 crore	18.00 crore
2008-2009	50.00 crore	45.00 crore
2009-2010	70.00 crore	40.00 crore

#### Cooperation for peaceful use of nuclear energy

3263. SHRI SITARAM YECHURY: Will the PRIME MINISTER be pleased to state:

(a) whether in the Agreement for Cooperation between India and America regarding Peaceful Uses of Nuclear Energy, in Article 6 (iii) it is stipulated that “India would establish a new national reprocessing facility dedicated to reprocessing safeguarded nuclear materials under IAEA safeguards”;

(b) whether the reprocessing of all materials under IAEA safeguards be done in a single reprocessing facility;

(c) if so, the location of such facility;

(d) whether the reprocessing of the spent fuel of the Jaitapur Nuclear Power Project would be performed in the national reprocessing facility mentioned in para (a); and