

Deployment of indigenously developed product

All the above products are being used in several Nuclear Medicine Centres and hospitals in India.

- (a) The freeze-dried kits are either directly supplied from BARC or through BRIT, to whom the technology has been transferred/in the process of being transferred.
- (b) In some cases (^{177}Lu -DOTA-TATE), the technology of preparation of patient doses is transferred by the BARC personnel, to the respective hospitals. Ten such hospitals are currently providing radiotherapy in cancer patients using this radiopharmaceutical.
- (c) In case of ready-to-use ^{177}Lu -EDTMP (as an injectible), the radiopharmaceutical is prepared and supplied directly to the user hospitals.

Black marketing and illegal trade of rare earths

2034. SHRI K.N. BALAGOPAL: Will the PRIME MINISTER be pleased to state:

(a) whether Government is aware about the black marketing and illegal transporting and trading of Rare Earths from the seashores of Kerala and Southern Part of Tamil Nadu, if so, the details thereof; and

(b) the total quantity of Rare Earth processed in the country and its monetary value annually ?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (DR. JITENDRA SINGH): (a) Monazite is the only source of Rare Earths minerals which is available in the coastal areas of Kerala, Odisha, Andhra Pradesh and Tamil Nadu. Other than media reports and some complaints alleging that some private companies have been exporting monazite, no authenticated information is available covering the above complaints.

(b) Indian Rare Earths Limited (IREL), a Public Sector Undertaking (PSU) under the Department of Atomic Energy (DAE) has set up a 10,000 tpa Monazite Processing Plant at its Orissa Sands Complex (OSCOM) unit in Odisha, which is capable of producing about 11,000 tpa of Mixed Rare Earth Chloride (MRECL) eventually and the value of which works out to approximately, ₹76 crore per annum, at today's price. During the period 1952 - 2004, IREL has processed 1,47,000 tonnes of Monazite (equivalent to 1,61,000 tonnes of Rare Earth Compound).