

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:4732  
ANSWERED ON:22.04.2015  
SUPPLY OF NUCLEAR FUEL  
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**Will the Minister of ATOMIC ENERGY be pleased to state:**

- (a) the names of the countries that expressed their willingness to provide nuclear fuel after a nuclear agreement was reached with the United States of America (USA);
- (b) the quantum of nuclear fuel promised to be provided by each of these countries;
- (c) the country-wise details of the quantity of fuel received;
- (d) the quantity of the fuel to be provided during the current year as per the agreement; and
- (e) the names of the countries which are yet to provide fuel even after promising to do so?

**Answer**

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

(a) As part of the civil nuclear cooperation, India has entered into Inter-Governmental Agreements (IGA) with France, USA, Russia, Namibia, European Union, Canada, Argentina, Czech Republic, Kazakhstan, Republic of Korea, Vietnam and Sri Lanka, some of whom are uranium producers and suppliers.

(b) Agreements have been made with the following countries for supply of nuclear fuel:

S.No. Firm/Country      Agreements signed for supply nuclear fuel

- 1 M/s AREVA, France    300 MT Uranium Ore Concentrate (in 2008)
- 2 M/s TVEL Corporation, Russia 2000 MT Natural Uranium Dioxide pellets spread over five years (in 2009)
  - 58 MT of Enriched Uranium Dioxide pellets (in 2009)
  - 42 MT of Enriched Uranium Dioxide pellets (in 2015)
- 3 M/s NAC Kazatomprom, Kazakhstan 2100 MT of Uranium Ore Concentrate spread over six years (in 2009)
- 4 M/s NMMC, Uzbekistan    2000 MT of Uranium Ore Concentrate spread over five years (in 2013)
- 5 M/s CAMECO, Canada    3000 MT Uranium Ore Concentrate spread over six years (in 2015)

(c) Quantum of fuel received is as under:

S.No. Firm / Country      Quantity received  
(as of April 15, 2015)

- 1 M/s AREVA, France    299.87 MT \$
- 2 M/s TVEL Corporation, Russia 1514.69 MT ##
  - 58.29 MT @
- 3 M/s NAC Kazatomprom, Kazakhstan 2095.90 MT #

# In the form of Natural Uranium Ore Concentrate.  
## In the form of Natural Uranium Di-oxide Pellets.  
@ In the form of Enriched Uranium Di-oxide Pellets.

(d) During the current year,

(i) M/s. JSC TVEL Corporation, Russia will supply about 303 MT of Natural Uranium Di-oxide Pellets and 42 MT of Enriched Uranium Di-Oxide Pellets; and

(ii) M/s CAMECO, Canada will supply 250 MT of Natural Uranium Ore Concentrate.

(e) Supply of nuclear fuel from M/s. Navoi Mining & Metallurgical Combinat State Company (NMMC), Uzbekistan has not yet commenced due to issues related to dispatch and transportation of the material.