

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2085
ANSWERED ON:05.03.2003
CONSTRUCTION OF REACTOR AT KALPAKKAM
T.M. SELVAGANAPATHI

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the Government propose to float a company to oversee construction of reactor at Kalpakkam;
- (b) if so, the details thereof;
- (c) whether the Indira Gandhi Centre for Atomic Research at Kalpakkam is preparing itself to reprocess the spent fuel; and
- (d) if so, the details thereof;

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATISTI
PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND MINISTI
STATE IN THE DEPARTMENT OF SPACE (SHRIS.B. MOOKHERJEE)

(a) Yes, Sir.

(b) A Special Purpose Vehicle (SPV), is envisaged for the implementation of the 500 MWe capacity Prototype Fast Breeder Reactor(PFBR) at Kalpakkam, after the project is accorded financial sanction. Preparatory work on the same is in progress.

(c) Yes, Sir.

(d) The Fast Breeder Reactor(FBR) requires closing of the fuel cycle. The fuel discharged from the Fast Breeder Test Reactor(FBTR) has to be reprocessed, on a laboratory scale, in the Lead Mini Cell, which is under final stage of commissioning.

It is planned to design and start the construction of the fuel reprocessing plant at Kalpakkam, during the X plan, for reprocessing the spent fuel from Prototype Fast Breeder Reactor(PFBR).