

and fabrication, and field demonstration towards reduction of costs. The market availability and costs will depend on the economic competitiveness achieved through this effort.

Nuclear complex at Hyderabad rendered idle in the absence of the supply of uranium

287. SHRI HARVENDAR SINGH HANSPAL: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Nuclear Fuel Complex at Hyderabad has been rendered idle in the absence of the supply of enriched uranium from U.S.A.;

(b) if so, the quantum of losses suffered by N.F.C. as a result thereof; and

(c) the other projects (industrial or otherwise) adversely affected since this complex has stopped manufacturing diverse types of uranium fuels?

THE MINISTER OF STATE IN THE DEPARTMENTS OF SCIENCE AND TECHNOLOGY AND ELECTRONICS (SHRI C. P. N. SINGH): (a) and (b) On account of irregular supplies of Enriched Uranium since February, 1977, the Enriched Uranium Oxide Plant and the Enriched Fuel Fabrication Plant of the Nuclear Fuel Complex have not been able to operate to full capacity. The consequent loss of production is estimated at 28 tonnes of fuel. The value added for this quantity of fuel would be Rs. 2.8 crores.

(c) The Nuclear Fuel Complex has not stopped manufacturing uranium fuels and, therefore, the question does not arise.

Flight model of Bhaskara II

288. SHRI DHARAMCHAND JAIN: Will the PRIME MINISTER be pleased to state:

(a) whether Government have commenced work on flight model

of Bhaskara II, India's second earth observation satellite; and

(b) if so, by when the work on the project is likely to be completed?

THE MINISTER OF STATE IN THE DEPARTMENTS OF SCIENCE AND TECHNOLOGY AND ELECTRONICS (SHRI C. P. N. SINGH): (a) Yes, Sir.

(b) The Satellite is expected to be launched during the third quarter of 1981.

Kalpakkam Atomic Project

289. SHRI R. MOHANARANGAM: Will the PRIME MINISTER be pleased to state the present position of the Kalpakkam Atomic Project vis-a-vis the schedules laid down?

THE MINISTER OF STATE IN THE DEPARTMENTS OF SCIENCE AND TECHNOLOGY AND ELECTRONICS (SHRI C. P. N. SINGH): The Madras Atomic Power Project, Kalpakkam is in an advanced stage of construction. Unit-I is expected to be completed in 1981 and Unit-II in 1983; they are expected to be commissioned in 1982 and 1984, respectively. In physical terms 99 per cent of the work on Unit-I and 79 per cent of the work on Unit-II have been completed. The schedules for completion, laid down at a time of more favourable international situation, were 1973 and 1976 for Unit-I and II, respectively.

Narora Project

290. SHRI NARSINGH NARAIN PANDE: Will the PRIME MINISTER be pleased to state:

(a) whether Government's attention has been drawn to a news item which appeared in the Times of India dated the 27th October, 1980 on page 5 under the heading "Narora a Project un-safe" according to an expert Dr. Direndra Sharma, Prof. of Jawaharlal Nehru University and if so what are details in this regard;