

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:471
ANSWERED ON:03.08.2011
PROBLEMS OF INDIAN NUCLEAR INDUSTRY
Rathwa Shri Ramsinhbhai Patalbhai

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether Indian Nuclear Industry has been struggling with tackling the embargoes;
- (b) if so, the details thereof;
- (c) whether the Government is aware that most of our Research and Development efforts have been spent on import substitution due to lack of infrastructure and resources;
- (d) if so, the details thereof;
- (e) whether Indian reactor technology would take a long time and efforts to come to the international level; and
- (f) if so, the steps being taken by the Government in this regard?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND IN THE PRIME MINISTER'S OFFICE
(SHRIV. NARAYANASAMY)

(a)&(b): No, Sir. The Indian nuclear industry is now well matured and does not have to struggle for tackling the embargos for meeting the needs of Indian nuclear power programme, based on Pressurised Heavy Water Reactors (PHWRs).

(c)&(d): Almost every aspect of nuclear engineering and technology pertaining to nuclear power plants and fuel cycle has already been indigenised. The current research and development efforts are towards development of technologies for advanced reactor systems.

(e)&(f): No, Sir. Indian nuclear reactor technologies are already on par with the international standards. With the opening of international nuclear commerce, India is considering to build large sized nuclear power plants (1000 MWe or larger light water reactors) in technical collaboration with some foreign vendors mainly to facilitate a faster growth of the nuclear power programme.