

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.2482
TO BE ANSWERED ON 02.12.2010

SUICIDES IN NUCLEAR PLANTS

2482 SHRI P. RAJEEVE:

Will the PRIME MINISTER be pleased to state:

- (a) whether it is a fact that the number of suicides are increasing in the nuclear plants;
- (b) if so, whether the Department has conducted any inquiry in this regard?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY AFFAIRS (SHRI V NARAYANASAMY):

- (a)&(b) The cases of unnatural deaths of employees of Department of Atomic Energy during the last five years were analyzed. It was seen that out of 29 death cases, 22 were alleged suicides. Only one case, among these, related to work related discontentment. All other cases of alleged suicidal deaths are on account of personal/family reasons. Sensitive cases are monitored by the Department in consultation with Intelligence Bureau and the local Police.

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RAJYA SABHA
UNSTARRED QUESTION NO. 2483

TO BE ANSWERED ON 02.12.2010

SIGNING OF CSC FOR NUCLEAR DAMAGE

2483. SHRI D. RAJA

Will the PRIME MINISTER be pleased to state:

- (a) whether it is a fact that India has signed the Convention on Supplementary Compensation (CSC) for nuclear damage; and
- (b) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY AFFAIRS (SHRI V NARAYANASAMY):

- (a) & (b) Convention on Supplementary Compensation (CSC) was developed under the auspices of International Atomic Energy Agency (IAEA). India has signed the CSC in Vienna on 27 October 2010. The Convention has not yet been ratified by India.

GOVERNMENT OF INDIA
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RAJYA SABHA
UNSTARRED QUESTION NO.2484
TO BE ANSWERED ON 02.12.2010

URANIUM RESERVES IN THE COUNTRY

2484. SHRI MANGALA KISAN

Will the PRIME MINISTER be pleased to state:

- (a) the quantum of uranium reserves in the country;
- (b) whether it is a fact that country is passing through uranium crisis as a result of which nuclear reactors are likely to be affected ;
- (c) whether Government has conducted any survey on availability of atomic and nuclear minerals in the country; and
- (d) if so, whether Government is working on a plan for production of uranium from country's reserves and their optimum utilization with a view to achieve self-reliance in the field of nuclear energy?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY
AFFAIRS (SHRI V NARAYANASAMY):

- (a) The Atomic Minerals Directorate for Exploration and Research (AMD), a constituent Unit of the Department of Atomic Energy has established 1,49,654 tonnes of Uranium resources as on 31.10.2010.
- (b) The indigenous uranium is presently not available in the required quantity as a result of which nuclear power reactors fuelled by indigenous uranium are being operated at about 70% of their rated power.
- (c) Yes, Sir.
- (d) Yes, Sir.

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RAJYA SABHA
UNSTARRED QUESTION NO.2485
TO BE ANSWERED ON 02.12.2010

NUCLEAR ENERGY PLANTS IN ANDHRA PRADESH

2485 SHRI M.V. MYSURA REDDY

Will the PRIME MINISTER be pleased to state:

- (a) whether it is a fact that Government is planning to start two nuclear energy plants in Andhra Pradesh;
- (b) if so, the details thereof;
- (c) the estimated investment required for the above two plants;
- (d) whether the State Government of Andhra Pradesh has given its consent for the above plants;
- (e) if not, the reasons therefor; and
- (f) the plan of action to pool the resources and execute the above projects in the State?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY AFFAIRS (SHRI V NARAYANASAMY):

- (a)&(b) The central government has accorded 'in principle' approval for the site at Kovvada in Srikakulam district of Andhra Pradesh for locating six units of 1000 MW each, to be set up in technical cooperation with the USA. The first phase consists of two units.
- (c) The estimates of investments would emerge after the discussions with the Companies of the USA are concluded.
- (d) The government of Andhra Pradesh had offered the site at Kovvada for setting up nuclear power plants which has been approved. The pre project activities including land acquisition in co-operation with state government have commenced.
- (e) Does not arise.
- (f) The nuclear power project at Kovvada is a central sector project to be executed by Nuclear Power Corporation of India Limited, a PSU of Department of Atomic Energy. The investment will be met through combination of external credit/market borrowings and equity.

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UNSTARRED QUESTION NO.2486
TO BE ANSWERED ON 02.12.2010

ATOMIC POWER PLANTS IN RAJASTHAN

2486. SHRI ASHK ALI TAK:

Will the PRIME MINISTER be pleased to state:

- (a) the number of atomic energy power stations to be set up in Rajasthan alongwith the location thereof;
- (b) whether the proposal to increase the power generation capacity of power station Rawatbhata, Kota is under consideration of Government ; and
- (c) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY
AFFAIRS (SHRI V NARAYANASAMY):

(a)to(c) Presently six nuclear power reactors (RAPS 1 to 6) with a total installed capacity of 1180 MW are in operation at Rawatbhata in Rajasthan. The Central Government had accorded financial sanction for two more nuclear power reactors of 700 MW capacity each, to be set up at the same site. The project has been launched and excavation is in progress. On completion of the project in the year 2016-17, the station capacity will increase to 2580 MW.

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UNSTARRED QUESTION NO.2487
TO BE ANSWERED ON 02.12.2010

CLOSING DOWN OF UNITS OF NPCIL

2487. SHRI R.C. SINGH:

Will the PRIME MINISTER be pleased to state:

- (a) the reasons that Nuclear Power Corporation of India Limited (NPCIL) decided to close down two units of Tarapur; and
- (b) total production from the units of Tarapur, unit-wise?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY AFFAIRS (SHRI V NARAYANASAMY):

- (a) All the four units of Tarapur Atomic Power Station are in operation and no decision is taken to close them.
- (b) The generation of electricity from TAPS 1 to 4 in the year 2009-10 and 2010-11 (upto October 2010), unit-wise is as follows :-

Unit	Generation in Million Units	
	2009-10	2010-11 (upto Oct.)
TAPS-1	1199	686
TAPS-2	1251	812
TAPS-3	2787	1743
TAPS-4	2754	1632

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UNSTARRED QUESTION NO.2488
TO BE ANSWERED ON 02.12.2010

ATTITUDE OF US TOWARDS NUCLEAR LIABILITY BILL

2488. SHRI TARUN VIJAY

Will the PRIME MINISTER be pleased to state the attitude of US Government towards Nuclear Liability Bill specially in the wake of their open objection to the Bill's clause 17(B)?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY AFFAIRS (SHRI V NARAYANASAMY):

Some potential suppliers have raised certain issues mainly relating to application of right of recourse of the operator, as provided in section 17 (b) of the Civil Liability for Nuclear Damage Act, 2010. In the November 8, 2010 Joint Statement of Hon'ble Prime Minister Dr. Manmohan Singh and US President Barack Obama, the two leaders noted both countries had enacted domestic legislations and were also signatories to the Convention on Supplementary Compensation (CSC). They further noted that India intends to ratify the CSC within the coming year and is committed to ensuring a level playing field for US companies seeking to enter the Indian nuclear energy sector, consistent with India's national and international legal obligations.

GOVERNMENT OF INDIA
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RAJYA SABHA
UNSTARRED QUESTION NO.2562

TO BE ANSWERED ON 02.12.2010

PRIVATE SECTOR IN NUCLEAR POWER SECTOR

2562. SHRI KALRAJ MISHRA

Will the PRIME MINISTER be pleased to state:

- (a) whether organisation like Federation of India Chamber of Commerce and Industries (FICCI) and Confederation of Indian Industry (CII) has come out with a strong plea for allowing private companies in nuclear power sector;
- (b) if so, the precise submission proposal and projects made out to help them; and
- (c) the decision taken by Government in this regard?

ANSWER

THE MINISTER OF STATE FOR PLANNING AND PARLIAMENTARY AFFAIRS (SHRI V NARAYANASAMY):

- (a) & (b) Federation of Indian Chambers of Commerce and Industry (FICCI) in its Working Group Report on Civil Nuclear Energy (2009), inter-alia, suggested certain amendments to the Atomic Energy Act, 1962 to enable private sector participation.
- (c) For the present, participation of Indian private sector in nuclear power generation projects will continue to be guided by the existing provisions of the Atomic Energy Act, 1962.
