

GOVERNMENT OF INDIA  
MINISTRY OF COAL

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2587**  
**ANSWERED ON 11.12.2024**

**Accidents in Neyveli Lignite Corporation**

**2587. Dr. M K Vishnu Prasad:**

Will the Minister of **COAL** be pleased to state:

- (a) the safety measures taken by Neyveli Lignite Corporation of India (NLC) to avoid accidents in plants and mines;
- (b) the number of fatal and minor accidents/ incidents which occurred during the last three years;
- (c) the details of steps taken to avoid recurrence of such accidents in NLC; and
- (d) the steps taken to avoid flooding of mines and ensure workers safety during monsoon season?

**ANSWER**  
**MINISTER OF COAL AND MINES**  
**(SHRI G. KISHAN REDDY)**

**(a):** The safety measures taken by NLC India Limited (NLCIL) to avoid accidents in plants and mines are as follows:

**(A) Thermal Power Plants**

Safety measures being taken to maintain the safe working environment and avoid accidents in Plants are as follows:

1. To overview the safety and to maintain the safe working environment in Thermal power stations, the safe operating procedures for each and every activity have been prepared and training imparted thereon, including Induction training and re-training to all employees, Tool Box Talks, Pep-Talks and Mock drills conducted at regular Intervals as per the statutory requirements with respect to the Factories Act, 1948 and the Tamil Nadu Factories Rules, 1950.
2. Safety committee has been formed to identify the non-compliances and Welfare measures at the premises and the compliances are recorded as per the 61-M of The Tamil Nadu factories rules, 1950.
3. The External Safety audit as per the IS: 14489:1998 is conducted once in two years and compliance reports are recorded to maintain safety at Thermal Plants.
4. To meet out the fire, Emergencies, fire stations are being maintained in plants and along with fire monitoring committee formed to monitor the Fire hazards.
5. The Safety manual and The Disaster management plan have been made ready and circulated through e-Mode to know the safety standards and for the follow-up, besides the Training given to the all workmen.

**(B) Coal & Lignite Mines**

Safety measures being taken to maintain the safe working environment to avoid accidents in mines are follows:

1. Formulation & Implementation of Safety Management Plan (SMP), Hazard identification and Risk Assessment as per coal mine regulations (CMR 2017), Standard Operating Procedures (SOP) have been prepared and put into practice.
  2. Scientific study has been conducted under Regulation 106 of CMR 2017 and mines at Neyveli are being operated with the state-of-the-art technology i.e. Bucket Wheel Excavator, Spreader and a series of conveyors with inbuilt safety features.
  3. Pit Safety Committee meeting is conducted every month as per Mine Rules – 1955. Safety Audit of all mines are carried out by multi-disciplinary team of Corporate Safety once in every year.
  4. Every mine is maintaining 2 Fire Tenders.
  5. Training on SIMULATOR is imparted at Group Vestibule Training Centre and virtual based training to equipment operators before engaging them in actual equipment operation.
- (b):** The details of fatal and minor accidents/ incidents which occurred in NLCIL during the last three years are as under:

NLCIL		2021	2022	2023
Mines	Fatal	-	-	1
	Serious	1	1	-
Thermal	Fatal	1	1	--
	Serious	--	6	--

**(c):** The steps taken to avoid recurrence of such accidents in NLCIL are as under:

1. Training imparted on Root Cause Analysis (RCA) technique of accident investigation at IIT-ISM Dhanbad.
2. Every accident is investigated thoroughly to arrive at the root cause.
3. Based on the root cause analysis, recommendations are given to prevent recurrence of such incidents.
4. Life-saving rules have been prepared and implemented in all units.
5. Regular inspections of Mines, Monthly Safety Officer meeting to discuss all incidents and the corrective actions are reviewed. Safety Circulars based on the learning of recent incidents for spreading the awareness among people.

**(d):** The steps taken by NLCIL to avoid flooding of mines and ensure workers safety during monsoon season are as follows:

1. Water danger potential is studied and incorporated in monsoon preparation plan and implemented every year before the start of the monsoon.
2. Monsoon squad is formed before the start of the monsoon and they are put into action whenever there is adverse weather forecast.
4. Standing order for withdrawal of persons in case of risk of inundation or inrush of water is prepared and put into action at the start of monsoon season.
5. Mock drill is conducted regularly to check the effectiveness of monsoon preparedness plan.

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