

PROVISIONALLY ADMITTED QUESTION FOR THE RAJYA SABHA

Starred /Unstarred Diary No.-- U3238

The Question Will be put down for -- 08/08/2024

Answer on the Ministry Department -- Atomic Energy(AE)

Nuclear Safety and Security

Will the Minister of Atomic Energy be pleased to state:

1. What are the most significant risks to nuclear safety and security, and how can they be mitigated?

2. How can we balance the benefits of nuclear energy with the potential risks of accidents or sabotage?

3. Can artificial intelligence and machine learning enhance nuclear safety and security, or introduce new risks?

4. How do we ensure that nuclear safety and security measures are effective in extreme scenarios, such as natural disasters or conflicts?

5. What are the ethical considerations of using nuclear energy in space exploration, and how can we mitigate risks?