

PROVISIONALLY ADMITTED QUESTION FOR THE RAJYA SABHA

Starred /Unstarred Diary No.-- U5500

The Question Will be put down for -- 27/03/2025

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

Nuclear Waste Management and Disposal

Will the Minister of Atomic Energy be pleased to state:

1. What are the implications of adopting a "closed fuel cycle" approach to nuclear waste management, and how might this impact India's nuclear energy strategy?
2. How can India balance the need for secure nuclear waste disposal with the imperative to minimize environmental and health risks, particularly in the context of geological disposal?
3. What are the potential benefits and drawbacks of adopting advanced reactor designs, such as small modular reactors (SMRs) or Generation IV reactors, for nuclear waste management and disposal?