

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY

LOK SABHA

UNSTARRED QUESTION NO – 330

ANSWERED ON 27/11/2024

SMALL MODULAR REACTORS

330. DR. T SUMATHY ALIAS THAMIZHACHI THANGAPANDIAN

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government is collaborating with the private sector to study and test Small Modular Reactors (SMRs);
- (b) if so, the details thereof, including companies involved and expected timelines.
- (c) whether the Government is taking steps to address the high capital costs, refuelling needs and proliferation risks of SMRs and ensure their commercial viability and if so, the details thereof;
- (d) the details of regulatory measures put in place to prevent the diversion of radioactive material from SMRs; and
- (e) whether the Government has plans for the future scaling of SMR technology in Tamil Nadu and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS
AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

- (a) & (b) Government is exploring deployment of Bharat Small Reactors through Public Private Partnership. Small Modular Reactors (SMRs) is currently in R&D Stage.
- (c) to (e) Small Modular Reactors are currently in R&D stage. These aspects will be addressed when commercial deployment of SMRs happen.

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