

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:3636
ANSWERED ON:16.08.2000
WATER REACTORS
CHELLAMELLA SUGUNA KUMARI

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether pressurised water reactors (PWRs) are more advanced in Nuclear Power Generation; and
- (b) if so, the action taken/proposed to be taken to replace boiler water reactors of Tarapur Atomic Power Plant with PWRs for better results?

Answer

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (SMT. VASUNDHARA RAJE)

- (a) Pressurised Water Reactors (PWRs) contribute about 58% of nuclear power reactors in operation in the world. These reactors contribute about 65% of the nuclear power capacity in the world.
- (b) Like PWRs, Boiling Water Reactors (BWRs) and Pressurised Heavy Water Reactors (PHWRs) are also among the prove nuclear power reactors. In India, the nuclear power reactors at Tarapur Atomic Power Station Unit-1&2(2x160 MWe) are BWRs and these units are operating well and there is no proposal to replace the same with PWRs.