

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION No-326**  
ANSWERED ON 28/11/2024

**DOMESTIC EXPANSION OF HEAVY WATER PRODUCTION**

326. DR AJEET MADHAVRAO GOPCHADE

Will the PRIME MINISTER be pleased to state:-

- (a) the steps taken by Government till date for expansion of heavy water production at various location, location-wise;
- (b) whether the Central Government has requested the State Government of Gujarat to modify the land use of acquired land designated for production of heavy water at Hazira, Gujarat;
- (c) if so, the details thereof including response received from the State Government of Gujarat in this regard; and
- (d) the reasons for domestic expansion of heavy water production and whether heavy water exported briefly including export data of last three years?

**ANSWER**

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

- (a) Heavy Water Board, Department of Atomic Energy, Government of India initiated steps for expansion of Heavy Water Production at three locations i.e. Manuguru (Telangana), Kota (Rajasthan) and Hazira (Gujarat). Design Basis Report (DBR) & Detail Project Report (DPR) are under preparation.
- (b) Yes.
- (c) A communication has been sent on 25.09.2024 to the Government of Gujarat by both DAE and M/s. KRIBHCO and approval is awaited from the Government of Gujarat.
- (d) Expansion of Heavy Water production is required to support upcoming Pressurized Heavy Water Reactors (PHWR's) planned by Nuclear Power Corporation of India Limited (NPCIL).  
Yes, a total of 186.67 MT of Heavy Water has been exported during the last three years.

\*\*\*\*\*