

### Annexure-3

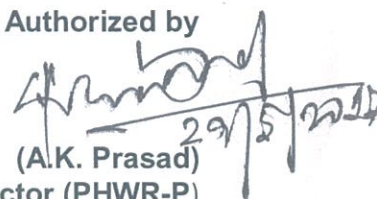
Excerpt of Report No.-4 of Site Selection committee, Government of India on Assessment of Sites for locating Nuclear Power Plants in Northern Electricity Region of various sites of Rajasthan.

#### **Quote**

In Rajasthan Hayath Committee in 1961-62 investigated Tulsonka Namla on Jaisamand lake near Udaipur. Because the site was too far from existing electrical grid and large scale fishing in the area, it was not considered suitable (water availability was also not dependable). Hayath Committee also investigated Rawatbhata site and recommended for setting up Nuclear Power Plant. India's first PHWRs were set up at Rawatbhata followed later by number of units. Chakravarti Committee in 1972 recommended Rawatbhata for further expansion. Kati Committee investigated Bayana, Panchana, Jaisamand, Rawatsar, Rawatbhata and Mahi-Banswara. Bayana and Panchana did not have satisfactory source of water. Jaisamand also did not have sufficient water due to irrigation commitments. Srinivasan Committee agreed with this view. At Rawatsar, source of water is Rajasthan main canal. During closure periods a pond will have to be constructed which was considered expensive. In the general area around, ground subsidence on account of salt deposits is reported. Also the site is near to International border (94 km). Hence Rawatbhata and Mahi-Banswara were the two sites Srinivasan Committee recommended after detailed investigations. Present Committee corresponded with the Rajasthan Govt. for suggesting any new sites and reevaluation of Mahi-Banswara site. Rajasthan Govt. suggested Dholpur, Rodhain, Sankarpur, Rundhgajpura and Gaupipla. The sites at Dholpur, Rodhain and Sankarpur did not have good foundation conditions and reliable source of water hence were not considered for further investigations. Gaupipla site is situated on a small river Wakal. The source of water was not reliable and so this site was not considered further. The site at Rundhgajpura had good foundation conditions but source of water is through Chambal river which is 8 km from site. Further, about the 160 mtr. of pumping head for cooling water is required. Since the stretch of Chambal down stream of Kota barrage is declared as crocodile sanctuary, clearance from environmental angle for construction of barrage for assured supply of water for the plant will be difficult. State Govt. has been requested to carry out investigation in the area for locating a site closer to water source with practical pumping head. At Mahi-Banswara, the State Govt. has still not assured the water availability. Present Site Selection Committee has evaluated Mahi-Banswara (subject to availability of water) and existing Rawatbhata site for expansion.

#### **Unquote**

Excerpt Authorized by

  
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