SIGNIFICANCE OF THE STUDIES

The model studies are useful to evolve economic and safe hydraulic designs of spillways and energy dissipators. The studies for Siang Lower project will help in enhancing safety due to:

- Improved pressures along spillway surface with modifications of spillway profile and sluice roof profile at exit
- Improved energy dissipation with modifications in design of the stilling basin
- Due to splashing of water the height of coffer dam and protection wall need to be heightened
- Discharging Capacity of left bank spillway is adequate for passing the design diversion discharge

FURTHER STUDIES

- To assess the discharging capacity, flow conditions upstream and downstream of the spillway and in the tail race channels for the completed stage (Phase - I and Phase - II)
- Water level observations in the tail race channel for different combinations of power intake operations