

Summary of Decisions of the Structural Engineer
SEC 15/2012 held on 19.12.2012

(a) Case 15/2012

- Issue: The use of groundwater uplift for reduction of vertical compression loads on foundation design
- Recommendation: To accept the proposal of using groundwater uplift for reduction of vertical compression loads on foundation
- Decision: Members endorsed the recommendation subject to the following conditions:
- (a) Adequate reliable water table data were provided;
 - (b) Detailed design calculation to ensure the most adverse load combinations were taken into account.
 - (c) Adequate precautionary measures against flooding within the station and adequate monitoring works for water table to be carried out.