time. The only drawback is that core type are only made in disadvantage as the use of the self-cooling unit in large sizes is comparatively small sizes.

type transformer which takes a very long time to dismantle necessary to use self-cooling units of greater capacity than this on account of the amount of iron to be piled. However, the and if so more units can be used.

somewhat limited. The largest self-cooling single phase unit (b) Greater Cost of Repair.-This applies only to the core constructed up to present has been 1,500 K.W. It is seldom



are on a shell type transformer is liable to be more confined, (d) Greater Difficulties in Bringing out Taps for a Large and hence the damage less extensive than on a core type. Also a shell type 4 to 4 transformer may be run open delta at re- installation to bring out a large number of taps. If so, however,



ary and secondary of damaged phase. (c) Reduced Capacity Obtainable in Self-Cooling Units.-

especially the core type. A large number of taps should be (c) Reduced Capacity Obtainable in Self-Cooling Units. avoided wherever possible, as they does not the transformer. avoided wherever possible, as they are a fruitful source of