This creates a smooth, consistent and flexible coating that penetrates deep into all coil cavities and covers the entire coil assembly including the fin edges (Fig 10). The process in conjunction with the coating material results in a less brittle, more resilient and more durable coating without bridging between adjacent fins than previous phenolic coatings. E-coated coils provide superior protection in the most severe environments.

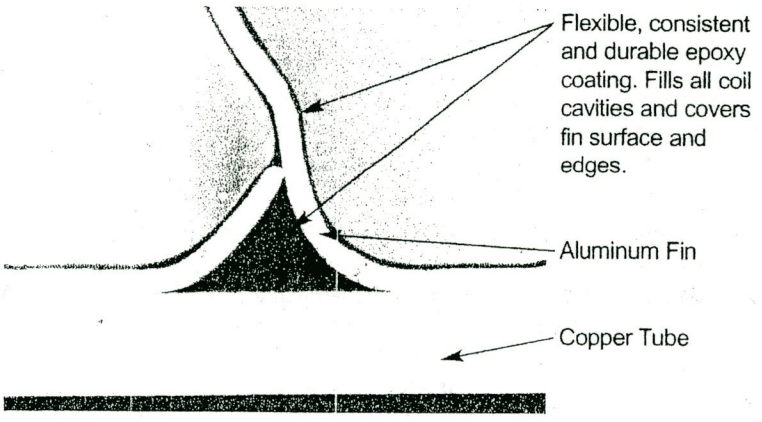

FIG. 10 - MAGNIFICATION OF E-COATED ALUMINUM-FIN COPPER-TUBE COIL

E-Coated Copper-Fin Coils

E-coated copper-fin coils have the same durable and flexible epoxy coating uniformly applied over all coil surfaces as the e-coated aluminum-fin coils (Fig. 11). However, these coils combine the natural resistance of all copper construction with complete encapsulation from the e-coat process. E-coated copper-fin coils should be specified for environments with harsh coastal conditions or a combination of coastal and industrial contamination.

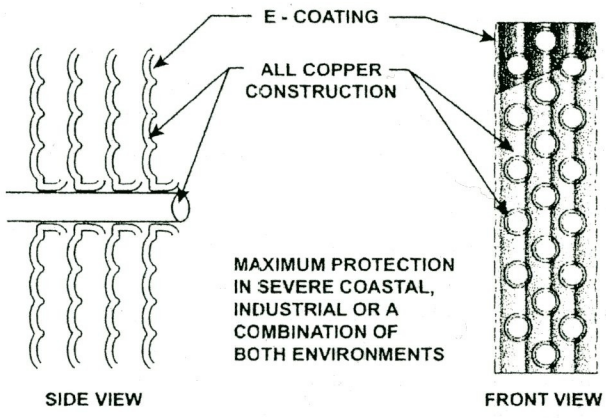

FIG. 11 - E-COATED COPPER/COPPER COIL