

# APPLICATION OF THE SODIUM SULPHUR BATTERY TO RAILWAY TRACTION

The sodium sulphur battery has been examined within the context of its being applied to rail traction. Its energy density in comparison with other alternatives, its overall efficiency and the cost of fixed charging equipment make it uncompetitive unless the relative cost of liquid fuel is increased substantially in comparison with electricity. Development problems have to be resolved especially in the area of battery reliability and life. Safety gives rise to particular concern.