

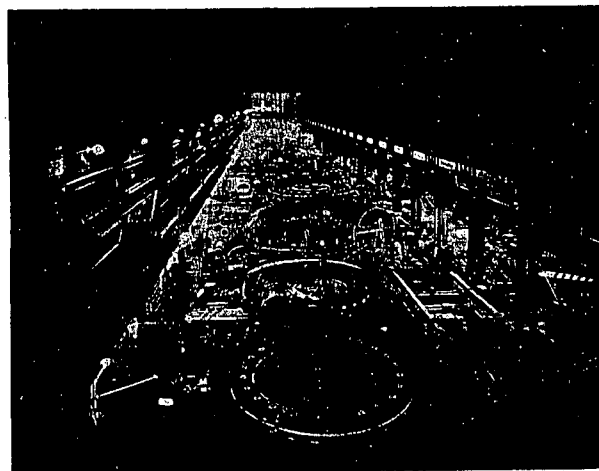


Figure 13. A view of an industrial firm's erection shop before relighting. Management noticed that the accident rate in this area was high. Employees were working in shadows.

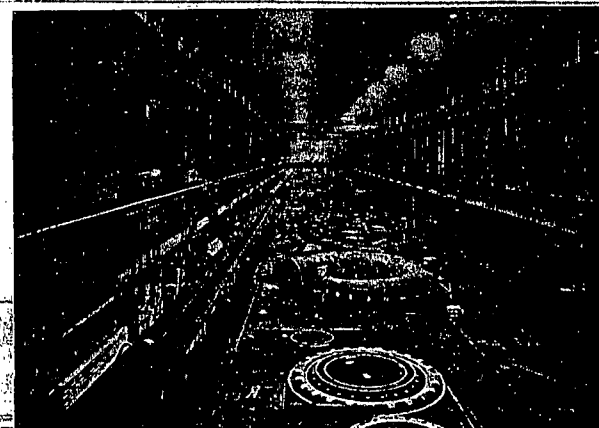


Figure 14. The same shop as in Figure 13 after relighting to about 20 footcandles, using 3000-watt mercury lamps plus a few incandescent lamps to provide light in case of a power interruption.



Figure 15. The same shop as in Figures 13 and 14 after painting. In addition to raising the footcandle level, the paint created a more pleasing atmosphere in which to work, minimized shadows, and increased illumination on vertical work surfaces.



Figure 16. Benefits derived from relighting and painting the erection shop. Accident rate reduced 32 per cent after relighting and decreased 16 1/2 per cent further after painting.