



HOT BOX DETECTOR IS IN SERVICE ON THE ROCK ISLAND

—Automatic hot box detector, installed near Mineral, Ill., on the main-line of the Rock Island, checks journals of freight trains moving at speeds up to 60 mph. The electronic “eye”

in the metal case is trained on the journal box line of the passing cars. Infra-red rays from an overheated journal activate electronic elements in the detector, which in turn control the wayside signals to display the red aspect to stop the train for inspection.