



**IronWood
Technologies**
Railroad Accident Reconstruction

Federal Railroad Administration
False Proceed Signal Database

January 1, 1995 through May 3, 2004

All Reports - Elgin, Joliet and Eastern Railway Company

Report #	Date	Reporting Carrier	Block System	Interlocking	Auto. Systems	Loco or Train No.	Device that Failed	Location	Collision or Derailment?
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528	11/2/1995	EJE					Track Relay	Vernon Hills, Illinois	N
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Human Error - Field Wiring Error, Inadequate Service Testing

On subject interlocking, a track circuit BNWLP, in the fouling section is so arranged that when the Electric Lock installed on the switch allowing movements from the siding onto the main and into interlocking limits is unlocked or opened 1/4" from full normal, the track circuit is de-energized. Once de-energized, it de-energizes a relay that is used as the OS track. All signals on all routes are effectively slotted off with the OS relay down.

Shunt fouling wires were inadvertently installed from the main to the fouling section. When the electric locks were unlocked or opened 1/4" from full normal, the track relay BNWLP remained energized through the OS track battery, not effectively slotting off all signals.

Shunt fouling wires were removed correcting the failure.

No. of Reports Shown in this Listing: 1