



**IronWood
Technologies**
Railroad Accident Reconstruction

Federal Railroad Administration
False Proceed Signal Database

January 1, 1995 through May 3, 2004

All Reports - Cause: Maintenance - Improper Adjustment on Non-Track Circuit Device

Report #	Date	Reporting Carrier	Block System	Interlocking	Auto. Systems	Loco or Train No.	Device that Failed	Location	Collision or Derailment?
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360	9/19/2002	NS	CTC			NS 6645	Timer	Fayette, KY	N
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On Thursday, September 19, 2002 at 9:01 a.m., Central Division train #215, lead unit NS 6645, proceeding southbound on track 2 at Fayette, KY, observed the home signal at Fayette Control Point MP 79.6 changing aspects from APPROACH to CLEAR, to ADVANCE APPROACH and then to APPROACH DIVERGING. The correct sequence should have been from APPROACH to APPROACH DIVERGING.

Investigation of the above occurrence was duplicated and a defective timer relay was found at Fayette. The timer relay was designed to prevent undesirable upgrade of the signal at Fayette for 9 seconds during the time the code being received was in transition. Since the timer was only running for 5 seconds, the changing aspects were observed by the southbound train. The total time the signals flashed through the cycling aspects was 3 seconds.

The timer relay was readjusted to operate for 10 seconds and the signals returned to service.

No. of Reports Shown in this Listing: 1