

FALSE PROCEED SIGNAL REPORT

REPORT FOR (month/year)

1/19/2004

All Railroads subject to Regulations of the Federal Railroad Administration shall submit a false proceed signal report, original only, to the Federal Railroad Administration within five days after a false proceed occurs. If no false proceed occurs during any calendar month, a report showing "No Failures" must be filed within ten days after the end of the month.
Copies of this form will be furnished upon request to the Department of Transportation, Federal Railroad Administration, Office of Safety, Washington, D.C. 20590

REPORTING CARRIER (railroad and region or division)

**CSX
Transportation
Train Control**

MAIL TO

Federal Railroad Admin.
61 Forsyth St SW
Suite 16T20
Atlanta, Ga. 30303

REPORTING CARRIER (signature/title)

General Manager Signal Maint.

A failure should not be counted more than one time in items 1, 2, 3, and 4; the failure should be classified under the basic system or appliance of which it forms an essential part. E.g.; assume grounds cause a block signal to indicate a false proceed causing corresponding indications of a cab signal system on each train approaching this point, such failures should be included in item 1, Block System.

A false proceed failure is a failure of a system, device or appliance to indicate or function as intended which results in less restriction than intended.

The following abbreviations may be used in the report.

A-Automatic	EM-Electromechanical
AB-Automatic block	EP-Electropneumatic
ACS-Automatic cab signal	FP-False proceed
APB-Absolute permissive block	MB-Manual block
ATC-Automatic train control	M-Mechanical
ATS-Automatic train stop	P-Pneumatic
CL-Color light	PL-Position light
CPL-Color position light	SA-Semiautomatic
E-Electric	TC-Traffic control

TYPE OF SYSTEM	DATE	LOCOMOTIVE NUMBER	DEVICE THAT FAILED	LOCATION (city and state)
1 BLOCK SYSTEMS <input type="checkbox"/> AB <input type="checkbox"/> APB <input checked="" type="checkbox"/> TC	1/19/2004	P05218	Design error	West AY Richmond, VA
2 INTERLOCKING <input type="checkbox"/> AUTO-MATIC <input type="checkbox"/> REMOTE <input type="checkbox"/> MANUAL				
3 AUTOMATIC SYSTEMS <input type="checkbox"/> ATS <input type="checkbox"/> ATC <input type="checkbox"/> ACS				
4 OTHER (specify)				

NATURE AND CAUSE OF FAILURE/CORRECTIVE ACTION TAKEN

At 06:57 on January 19, 2004, P05218 reported the northbound intermediate to West AY was showing Clear (green) with a diverging route lined from #1 to #2 track at West AY. The signal at West AY was displaying a Slow Clear (red/red/green). The signals were removed from service and signal personnel were dispatched. Upon arrival at the location, signal personnel were able to duplicate the reported condition during testing. Initial investigation revealed a design error which allowed the electrocode unit at West AY to send code to the intermediate signal (26W) allowing a more favorable signal to be displayed at the intermediate with the diverging route lined up. The proper signal aspect at the intermediate should have been Approach (yellow). The design error was verified by office personnel. The circuit was redesigned and field personnel made the necessary changes. The signals were checked and returned to service.