

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

FALSE PROCEED SIGNAL REPORT

REPORT FOR (month/year)

July, 1995

DATE July 7, 1995

REPORTING CARRIER (railroad & region or division)

Southern Pacific
Transportation Co.
Denver Division
1A Subdivision

REPORTING OFFICER (signature/title)

Engineer - Signals

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

MAIL TO

Director of Railroad Safety
Region 7
Federal Railroad Administration
650 Capital Mall, Suite 7707
Sacramento, CA 95814

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 Systems.

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	6-29-95	SP 1ARCKC-29	Signal 272	Plain, CO.
2 INTERLOCKING <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

On June 29, 1995 at approximately 12:48 PM, Engineer _____ operating train No. 1ARCKC-29 traveling East, reported that he observed that Signal 272 approach to West Plain was FLASHING YELLOW and he then found the Eastward Absolute Signal at West Plain RED and overran it.

Signal Engineer _____ and Signal Supervisor _____ investigated and found that the battery was low due to an open fuse in the AC powerline. They found that a battery voltage of about 6.2 volts would cause the 72S relay to pump causing the signal to display a FLASHING YELLOW aspect until the battery dropped to about 5.2 volts where it went to stop.

The signal system was thoroughly tested and no other problems were found. We have continuously lighted the signals to prevent a reoccurrence of this problem with the approach lighting circuit.