

DEPARTMENT OF TRANSPORTATION FEDERAL RAILROAD ADMINISTRATION	
FALSE PROCEED SIGNAL REPORT	DATE 10/07/96

MAIL TO Mr. Tom McFarlin Signal & Train Control Specialist Federal Railroad Administration 1100 Main Street, Suite 1130 Kansas City, MO 64105	REPORTING CARRIER (railroad & region or division)
	BURLINGTON NORTHERN SANTA FE ILLINOIS DIVISION
	REPORTING OFFICER (signature/title)
	Asst. Vice President - Signals.

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 failure 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 | MP | -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 OR TRAIN NUMBER	DEVICE THAT FAILED	LOCATION (City and State)
1 BLOCK SYSTEMS <input type="checkbox"/> AB <input type="checkbox"/> APB <input checked="" type="checkbox"/> TC	10/02/96	1260	INSULATED JOINT & LIGHTNING ARRESTORS	HINSDALE, ILLINOIS
2 INTERLOCKING <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> AUTO <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> MATIC				
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

SIGNAL EMPLOYEE OBSERVED SIGNAL 318.8 DISPLAY A CLEAR ASPECT WITH TRAIN 1260 IN BLOCK. SUPERVISOR AND MAINTAINERS FOUND AN INSULATED JOINT SHORTED AND TWO GAS LIGHTNING ARRESTORS SHORTED ALLOWING ENOUGH CURRENT TO PICK UP THE TRACK RELAY WITH SHUNT ON TRACK. REPLACED DEFECTIVE INSULATED JOINT AND LIGHTNING ARRESTORS.