DEPARTMENT OF TRANSPORTATION FEDERAL RAILROAD ADMINISTRATION							
FALSE PROCEED SIGNAL REPORT	D/	ATE	October 20, 1997				
MAIL TO	RE	PORT	NG CARRIER (rail	road & region o	or divisio	n)	
	Bu	Burlington Northern Santa Fe Railway					
Mr. Tom McFarlin Signal & Train Control Specialist Federal Railroad Administration 1100 Main Street, Suite 1130 Kansas City, MO 64105	RE	Northern Lines Powder River Division Angora Subdivision REPORTING OFFICER (signature/title)					
Marie -							
A failure should not be counted more than one time in items 1, 2, 3 at 4; the failure should be classified under the basic system or appliance which it forms an essential part. E.g.: assume grounds cause a block signal to indicate a false proceed causing corresponding indications of cab signal system on each train approaching this point specific signal 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.	lof Z4*" fa jojujd y	AB ACS APB ATC ATS CL	-Automatic block -Automatic cab sign -Absolute permissiv -Automatic train cor -Automatic train sto -Color light Color position light -Electric	al e block ntrol	E F M M F F	EM EP FP MP M PL SA	Electromechanical -Electropneumatic -False proceed -Manual block -Mechanical -Pneumatic -Position light -Semiautomatic -Traffic Control
TYPE OF SYSTEM DA	TE I	COM	OTIVE OR TRAIN	DEVICE THA	<u>т</u> Г	OCAT	ΓΙΟΝ (City and State)
THE OF SISTEM		JMBEI		FAILED			TIOIV (City and bane)
1 BLOCK SYSTEMS Oct. 199 AB APB X TC 199	· · ·	N 9507		none	I	Bridgep	oort, Nebraska
2 INTERLOCKING AUTO MATIC							
3 AUTOMATIC SYSTEMS ATS ATC ACS					. 🔟		
4 OTHER (specify)	1.						
NATURE AND CAUSE OF FAILURE/CORRECTIVE ACTION T	ΓAKEN				L		
Approximately 0805 MDT BN 9507 east, train symbol EMLTBTM2 stopped in approach to EA signal at East Bridgeport on Main track of red. Helpers BN 9212 east a two unit 12 axle consist was cleared or observed the EA signal telegragh. BN 9507 east did not take EA signal dispatcher to put signals to stop. Maintainer notif office logs show 1WT track picking up and the 1ET track deenergize biased 20hm relay. 1ET track is Electrocode II. Reenactment was performed at intermediate signal 35.8 using 0.06 ohm shunts which swas placed on circuit at signal 35.8. It was calculated that the 12 ax deenergized, which would allow the 1E-HR and the 1E-DR at East B 1ET track deenergized. Office logs confirm EA signal at East Bridge passed intermediate signal 35.8 at 28mph.  Corrective action taken - installed 8 second loss of shunt time on 1W circuit. Operational tests performed on signal system with no other experience.	bserved I but of the mal. Super fied to stated at the serformed showed E de consistrating port disport disport disport track of the server is the serformed showed E de consistration of the server is	A signal siding a savisor S y at department in using silectrocol travelit to enerolayed a circuit t	al display green for a at East Bridgeport and signal bot Bridgeport until S ne at intermediate signal a two unit 12 axle con ode II 1ET track circ and approximately 30 regize causing signal to spect cleared for 5 so o compensate for the	approximately 4 d was at interm was notified at Supervisor's arrignal 35.8. 1 Winsist and the pruit deenergized mph would cat to momentarily econds. HXP-3	4 seconds rediate sig 0824 MI ival. Fiel I track is roblem co approximuse the I display g R2 data I	then young 35. OT and id data an end uld not nately 5. WT to or gen the ogs from the control of	8 at the same time BN 9507 advised Alliance South logs and Ft Worth Network fed dc track circuit with a be duplicated. Test were 5 seconds after a 0.060hm shun energize before the 1ET en yellow and back to red when m Hwy 26 show BN 9212 eas