DEPARTMENT OF TRANSPORTATION FEDERAL RAILROAD ADMINISTRATION	<b>1</b>							
FALSE PROCEED SIGNAL REPORT			04/29/2000					
							·	
MAIL TO			REPORTING CARRIER (railroad & region or division)  Burlington Northern Santa Fe Railway					
Mr. Tom McFarlin		Burningo	on Northern Santa P	Kanway				
Signal & Train Control Specialist Federal Railroad Administration 901 Locust Street - Suite 464 Kansas City, MO 64106			Illinois Division					
Raisas City, MO 04100		REPORT	TING OFFICER (sig	nature/title)				
FEDERAL IN ROCAL			1 - Assistant Vice President - Signals					
7.5								
A description in its	mc 1 2 2							
A failure should not be counted more than one time in iter and 4; the failure should be classified of the relationships of the should be classified of the relationships of the should be classified of the relationships o	enPop :/()	The follo	owing abbreviations	may be used	in the re			
appliance of which it forms an essential part. E.g.: assum	e grounds	A	-Automatic			EM	-Electromechanical	
cause a block signal to indicate a false proceed causing corresponding indications of a cab signal system on each train approaching this point,			AB -Automatic block			EP	-Electropneumatic	
such failure should be included in Item I. Block System	PEC.	ACS	-Automatic cab sig	nal		FP	-False proceed	
	-nlinnos to	APB	-Absolute permissi	ve block		MP	-Manual block	
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			ATC -Automatic train control			M	-Mechanical	
intended.			ATS -Automatic train stop			P	-Pneumatic	
		CL	-Color light			PL	-Position light	
			CPL- Color position light			SA	-Semiautomatic	
		E	-Electric			TC	-Traffic Control	
	DATE	II OCOM	OTIVE OR TRAIN	IDEVICE T	ТАТ	II OCAT	FION (City and State)	
TYPE OF SYSTEM	DATE	LOCOMOTIVE OR TRAIN DEVICE THAT NUMBER FAILED						
1 BLOCK SYSTEMS APB TC	4/24/20	BNSF 49	970 BY9-24B	LINE WIR		KERN	AN, IL. SIGNAL 811	
				<del> </del>		<b></b>		
2 INTERLOCKING AUTO MATIC						1		
3 AUTOMATIC SYSTEMS	_	<del>                                     </del>						
ATS ATC ACS								
4 OTHER (specify)								
NATURE AND CAUSE OF FAILURE/CORRECTIVE A	CTION TAK	EN	· · · · · · · · · · · · · · · · · · ·	<u> </u>		<u> </u>		
TRAIN ZWSPNBY9-24B, ENGINE BNSF 4970, OPERA WENT BY THE APPROACH SIGNAL AT MP 81.64 (SI THE SIGNAL SUPERVISOR AND TWO MAINTAINER 480V AC WIRE HAD COME UNTIED FROM ITS INSU AC LINE WIRE OFF THE CROSSARM AND IT DROPP STILL ATTACHED TO THE 480V AC LINE WIRE ALL BACK INTO THE CONTROL POINT, BURNING UP AI THE GROUND ALLOWED CURRENT TO BYPASS THE TO DISPLAY APPROACH MEDIUM. THE LINEWIRE SYSTEM TESTED FOR PROPER OPERATIONS AND IT	TING WEST G 811) DISP SS RESPONI LATOR WI PED DOWN OWED IT T N INVERTE E CIRCUIT WAS REST	TWARD ( PLAYING DED AND TH THE T TO THE T TO TOUCH R, CAUSI TS AT KE	APPROACH MED PUT ALL SIGNAL TE WIRE STILL A AREA OF THE SEC H THE "NMR" LIN NG A GROUND O RNAN AND ENER O ITS INSULATOR	IUM. THE LS TO STOF ITACHED CONDARY E WIRE. W N THE BAT GIZE THE	HOME S P. INVES TO IT. T ARMS BI HEN TH TTERY TI "NMR" R	IGNAL . TIGATI HE HGH ELOW. IS HAPI HAT FEI ELAY A	AT KERNAN WAS AT STOP. ON REVEALED THAT A I WINDS BLEW THE 480V THE TIE WIRE THAT WAS PENED, THE 480V AC FED EDS THE "NMR" CIRCUIT. IT SIGNAL 811, CAUSING IT	