

FEDERAL RAILROAD ADMINISTRATION
FALSE PROCEED SIGNAL REPORT

June 2000

FP-00-2-5

DATE

July 5, 2000

REPORTING CARRIER

Norfolk Southern Corporation

Division: Pittsburgh

REPORTING OFFICER

75-00

Chief Engineer - Northern Region
 Communications & Signal Department

MAIL TO

Mr. Michael Woods
 Federal Railroad Administration
 16th Floor - Suite 16T20
 100 Alabama Street, SW
 Atlanta, GA 30303-3104

TYPE OF SYSTEM	DATE	LOCOMOTIVE NUMBER	DEVICE THAT FAILED	LOCATION (city and state)
1 BLOCK SYSTEMS <input type="checkbox"/> AB <input type="checkbox"/> APS <input checked="" type="checkbox"/> TC	06/24/2000	8933, 2506 8713	Human Error	Dorset, OH
2 INTERLOCKING <input type="checkbox"/> REMOTE <input type="checkbox"/> MANUAL <input type="checkbox"/> AUTO-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

At approximately 2:22 a.m., June 24, 2000, Train #62V, Engineer _____, Conductor _____ was southbound at MP 10.5 on the Youngstown Line when they observed signal 10S displaying Approach Limited (yellow over flashing green) with signal at CP 13 Medium Approach (red over flashing yellow). The train crew knew that MP 10.5 should have been displaying yellow over solid green since they were lined to take the turnout at CP 13. The number 15 turnout at CP 13 is limited to 30 MPH, therefore, the signal observed by the train crew at 10S, yellow over flashing green, was improper since it was a 40 MPH speed limit through the turnout at CP 13.

Investigation determined that this improper signal was displayed due to our signal supervisor replacing the EC-4 box when it was in trouble on 6/1/00, at CP 13. He placed a control wire on the wrong terminal post of an EC-4 box which generated a Code 4 instead of a Code 3. He failed to make proper in-service tests after disarrangement of the signal system.

The wiring on the EC-4 box was corrected, in-service tests were done and signal system placed back in service 6/24/00.

