

DCA-06-FR-004

**Norfolk Southern Collision
Derailment
Train No. 226 & Train No. 22R**

Lincoln, AL

January 18, 2006

FRA 6180.54 Accident Report

3 pages, including cover page

RAIL EQUIPMENT ACCIDENT/INCIDENT REPORT

FORM FRA F 6180.54 (Item 443004) - Rev. 08/03

DEPARTMENT OF TRANSPORTATION FEDERAL RAILROAD ADMINISTRATION (FRA)

OMB Approval No. 2130-0160

| | | | | | |
|---|--|---|--|--|--|
| 1. Name of Reporting Railroad NORFOLK SOUTHERN RAILWAY COMPANY | | 1a. Alphabetic Code NS | | 1b. Railroad Accident/Incident No. 023913 | |
| 2. Name of Other Railroad Involved in Train Accident/Incident N/A | | 2a. Alphabetic Code N/A | | 2b. Railroad Accident/Incident No. N/A | |
| 3. Name of Railroad Responsible for Track Maintenance (single entry) NORFOLK SOUTHERN RAILWAY COMPANY | | 3a. Alphabetic Code NS | | 3b. Railroad Accident/Incident No. 023913 | |
| 4. U.S. DOT AAR Grade Crossing Identification Number N/A | | 5. Date of Accident/Incident month: 01 day: 18 year: 06 | | 6. Time of Accident/Incident 04:17 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> | |
| 7. Type of Accident/Incident (single entry in code box) | | 8. Cars Carrying HAZMAT 2 | | 9. HAZMAT Cars Damaged/Derailed 2 | |
| 1. Derailment 2. Head on collision 3. Rear end collision | | 4. Side collision 5. Raking collision 6. Broken train collision | | 7. Hwy-rail crossing 8. RR grade crossing 9. Obstruction | |
| 10. Explosion/detonation 11. Fire/violent rupture 12. Other impacts | | 13. Other (describe in narrative) 3 | | Code 3 | |
| 13. Nearest City/Town COOSA | | 14. Milepost (to nearest tenth) 757.90 | | 15. State Abbr. Code AL | |
| 17. Temperature (F) (specify if manual) 53 OF | | 18. Visibility (single entry) 1. Dawn 3. Dusk 2. Day 4. Dark Code: 2 | | 19. Weather (single entry) 1. Clear 3. Rain 5. Steel 2. Cloudy 4. Fog 6. Snow Code: 1 | |
| 20. Type of Track 1. Main 3. Blading 2. Yard 4. Industry Code: 3 | | 21. Track Name/Number EMBRY SIDING | | 22. FRA Track Class (1-9,X) Code: 2 | |
| 23. Annual Track Density (gross tons in millions) N/A | | 24. Time Table Direction 1. North 3. East 2. South 4. West Code: 3 | | 25. Type of Equipment 1. Freight train 4. Work train 7. Yard/switching 2. Passenger train 5. Single car 8. Light loco(s) 3. Commuter train 6. Cat of cars 9. Maint./inspect car Code: 1 | |
| 26. Was Equipment Attended? 1. Yes 2. No Code: 1 | | 27. Train Number/Symbol 226A117 | | 28. Speed (recorded speed, if available) R - Recorded 53 E - Estimated Code: R | |
| 29. Trailing Tons (gross tonnage, excluding power units) 2563 | | 30. Method(s) of Operation (enter code(s) that apply) a. ATCS b. Auto train control c. Auto train stop d. Cab signals e. Traffic control f. Interlocking Code: E | | 30a. Remotely Controlled Locomotive 0 - Not a remotely controlled operation 1 - Remote control portable transmitter 2 - Remote control tower operation 3 - Remote control portable transmitter more than one remote control transmitter Code: 0 | |
| 31. Principal Car/Unit (1) First involved (derailed, struck, etc.) NS 007137 | | a. Initial and Number | | b. Position in Train 1 | |
| (2) Coupling (if mechanical, cause reported) N/A | | c. Loaded (yes/no) N/A | | 32. If railroad employee(s) tested for drug/alcohol use, enter the number that were positive in the appropriate box. Alcohol: <input type="checkbox"/> Drugs: <input type="checkbox"/> | |
| 33. Was this consist transporting passengers? (y/n) Y | | 34. Locomotive Units | | 35. Cars | |
| a. Head End | | Mid Train b. Manual c. Remote | | Rear End d. Manual e. Remote | |
| (1) Total in Train 3 | | (1) Total in Equipment Consist 22 | | Loaded a. Freight 0 b. Pass. 1 | |
| (2) Total Derailed 3 | | (2) Total Derailed 7 | | Empty c. Freight 0 d. Pass. 0 e. Caboose 0 | |
| 36. Equipment Damage This Consist 2235100 | | 37. Track, Signal, Way & Structure Damage 89000 | | 38. Primary Cause Code M505 | |
| 39. Contributing Cause Code N/A | | 40. Engineers/Operators 1 | | 41. Firemen 0 | |
| 42. Conductors 1 | | 43. Brakemen 1 | | 44. Engineer/Operator Hrs: 03 Mins: 02 | |
| 45. Conductor Hrs: 03 Mins: 02 | | 46. Railroad Employees 0 | | 47. Train Passengers 0 | |
| 48. Others 0 | | 49. Special Study Block 0 | | 50. Fatal 3 | |
| 51. Latitude (optional) | | 52. Longitude (optional) | | 53. Typed/Printed Name & Title C. J. WEHMEISTER VICE PRESIDENT SAFETY & ENVIRONMENTAL | |
| 54. Signature <i>[Signature]</i> | | 55. Date FEB 28 2006 | | NOTE: This report is part of the reporting railroad's accident report pursuant to the accident reports statute and, as such shall not be admitted as evidence or used for any purpose in any suit or action for damages growing out of any matter mentioned in said report . . . 49 U.S.C. 20903. See 49 C.F.R. 225.7 (b). | |

INCIDENT CONSIST (CONTAINED IN REGULATED CARS). TRAIN 22RA116 HAD TAKEN THE EMBRY SIDING AT CONTROL POINT COOSA WHEN AFTER STOPPING TRAIN 226A117 RAN INTO THE REAR OF TRAIN 22RA116 RESULTING IN SUBSEQUENT DERAILMENT AND DAMAGE TO BOTH TRAINS.

NS 007137, EMD MODEL GP60 FUEL CAPACITY 4,000 GALLONS RELEASED APPROXIMATELY 4,000 GALLONS OF DIESEL FUEL.

33. Typed/Printed Name & Title: C. J. WEHMEISTER VICE PRESIDENT SAFETY & ENVIRONMENTAL
54. Signature: [Signature]
55. Date: FEB 28 2006

NOTE: This report is part of the reporting railroad's accident report pursuant to the accident reports statute and, as such shall not be admitted as evidence or used for any purpose in any suit or action for damages growing out of any matter mentioned in said report . . . 49 U.S.C. 20903. See 49 C.F.R. 225.7 (b).

RAIL EQUIPMENT ACCIDENT/INCIDENT REPORT

FORM FRA F 6190.54 (Rev. 06/03)

DEPARTMENT OF TRANSPORTATION FEDERAL RAILROAD ADMINISTRATION (FRA)

OMB Approval No. 2130-0300

| | | | | | |
|---|--|---|--|---|--|
| 1. Name of Reporting Railroad NORFOLK SOUTHERN RAILWAY COMPANY | | 1a. Alphabetic Code NS | | 2b. Railroad Accident/Incident No. 023913 | |
| 2. Name of Other Railroad Involved in Train Accident/Incident N/A | | 2a. Alphabetic Code N/A | | 2b. Railroad Accident/Incident No. N/A | |
| 3. Name of Railroad Responsible for Track Maintenance (single entry) NORFOLK SOUTHERN RAILWAY COMPANY | | 3a. Alphabetic Code NS | | 3b. Railroad Accident/Incident No. 023913 | |
| 4. U.S. DOT AAR Grade Crossing Identification Number N/A | | 5. Date of Accident/Incident month: 01 day: 18 year: 06 | | 6. Time of Accident/Incident 04:17 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> | |
| 7. Type of Accident/Incident (single entry in code box) | | 1. Derailment | | 4. Side collision | |
| | | 2. Bent on collision | | 7. Heavy-rail crossing | |
| | | 3. Rear end collision | | 8. RR grade crossing | |
| | | 5. Broken train collision | | 9. Obstruction | |
| | | 6. Other | | 10. Explosion/detonation | |
| | | | | 11. Fire/violent rupture | |
| | | | | 12. Other impacts | |
| | | | | 13. Other (describe in narrative) 3 | |
| 8. Cars Carrying HAZMAT | | 9. HAZMAT Cars Damaged/Derailed | | 10. Cars Releasing HAZMAT | |
| 0 | | 0 | | 0 | |
| 11. People Evacuated | | 12. Division | | 500 ALABAMA | |
| 13. Nearest City/Town COOSA | | 14. Milepost (to nearest tenth) 757.90 | | 15. State Abbr. Code AL | |
| 16. County TALLADEGA | | 17. Temperature (F) (specify if manual) 53 OF | | 18. Visibility (single entry) Code 1. Dawn 3. Dusk 2. Day 4. Dark 2 | |
| 19. Weather (single entry) Code 1. Clear 3. Rain 5. Steel 2. Cloudy 4. Fog 6. Snow 1 | | 20. Type of Track Code 1. Main 3. Siding 2. Yard 4. Industry 3 | | 21. Track Name/Number EMBRY SIDING | |
| 22. FRA Track Class (1-9,X) Code 2 | | 23. Annual Track Density (gross tons in millions) N/A | | 24. Time Table Direction Code 1. North 3. East 2. South 4. West 3 | |
| 25. Type of Equipment 1. Freight train 4. Work train 7. Yard/switching 8. Light loco(s) 2. Passenger train 5. Single car 9. Minil./inspect car 3. Commuter train 6. Cut of cars | | A. Spec MoW Equip. Code 1 | | 26. Was Equipment Attended? Code 1. Yes 2. No 1 | |
| 27. Train Number/Symbol 22RA116 | | 28. Speed (recorded speed, if available) Code R - Recorded R E - Estimated 0 | | 29. Method(s) of Operation (enter code(s) that apply) a. ATCS p. Automatic block b. Auto train control h. Current of traffic c. Auto train stop i. Time table/train orders d. Cab signals j. Track warrant control e. Traffic control k. Direct traffic control f. Interlocking l. Yard limits | |
| 30. Regularly Controlled Locomotive a. Not a remotely controlled operation 1 = Remote control portable transmitter 2 = Remote control tower operation 3 = Remote control portable transmitter - more than one remote control transmitter | | m. Special instructions n. Other than main track rules p. Positive train control o. Other (specify in narrative) Code(s) | | Code | |
| 31. Principal Car/Unit (1) First Involved (detail, truck, etc.) TTX 97567 | | a. Initial and Number 975 015 | | b. Position in Train 83 | |
| (2) Cause (if mechanical, cause reported) N/A | | c. Loaded (yes/no) YES | | 32. If railroad employee(s) tested for drug/alcohol use, enter the number that were positive in the appropriate box. Alcohol <input type="checkbox"/> Drugs <input type="checkbox"/> | |
| 33. Was this consist transporting passengers? (y/n) Y | | 34. Locomotive Units | | 35. Cars | |
| | | a. Head End | | Loaded | |
| | | b. Mid Train | | a. Freight | |
| | | c. Rear End | | b. Pass. | |
| | | d. Manual | | c. Freight | |
| | | e. Remote | | d. Pass. | |
| | | f. Remote | | e. Caboose | |
| (1) Total in Train | | 2 | | (1) Total in Equipment Consist | |
| (2) Total Derailed | | 0 | | (2) Total Derailed | |
| 36. Equipment Damage This Consist | | 37. Track, Signal, Way & Structure Damage | | 38. Primary Cause Code | |
| 210000 | | N/A | | M505 | |
| 39. Contributing Cause Code N/A | | 40. Engineers/Operators | | 41. Firemen | |
| | | 1 | | 0 | |
| | | 42. Conductors | | 43. Brakemen | |
| | | 1 | | 1 | |
| | | 44. Engineer/Operator | | 45. Conductor | |
| | | Hrs: 02 | | Hrs: 02 | |
| | | Mins: 42 | | Mins: 42 | |
| Casualties to: | | 46. Railroad Employees | | 47. Train Passengers | |
| Fatal | | 0 | | 0 | |
| Nonfatal | | 0 | | 0 | |
| 48. Others | | 0 | | 0 | |
| 49. Special Study Block | | | | | |
| 30. Latitude (optional) | | 31. Longitude (optional) | | 32. Narrative Description: (Be specific, and continue on separate sheet if necessary) | |
| | | | | TRAIN 22RA116 HAD TAKEN THE EMBRY SIDING AT CONTROL POINT COOSA WHEN AFTER STOPPING TRAIN 22RA117 RAN INTO THE REAR OF TRAIN 22RA116 RESULTING IN SUBSEQUENT DERAILMENT AND DAMAGE TO BOTH TRAINS. | |
| | | | | VTX 97567 - CONTAINER RELEASED APPROXIMATELY 40 POUNDS OF SODIUM CYANIDE. | |
| 33. Typed/Printed Name & Title of Reporter C. J. WEINSTEIN | | 34. Signature <i>[Signature]</i> | | 35. Date FEB 28 2006 | |
| 36. Title of Supervisor VICE PRESIDENT SAFETY & ENVIRONMENTAL | | 37. Title of Investigator <i>[Signature]</i> | | 38. Title of Witness <i>[Signature]</i> | |

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