U.S. Department
of Transportation
**Federal Railroad
Administration**

Summary of Accidents Investigated By The Federal Railroad Administration

Calendar Year 1991

**Office of Safety
Washington, D.C. 20590**

May 1993

ATTENTION

IF YOU WOULD LIKE TO RECEIVE A COPY OF "SUMMARY OF ACCIDENTS INVESTIGATED BY THE FEDERAL RAILROAD ADMINISTRATION",OR, IF YOU ARE ALREADY RECEIVING THE SUMMARY AND HAVE AN ADDRESS CHANGE, PLEASE COMPLETE THE FORM BELOW.

NAME _____

COMPANY NAME _____

STREET _____

CITY _____

STATE _____ ZIP CODE _____

SEND TO:

FEDERAL RAILROAD ADMINISTRATION
400 SEVENTH STREET, S.W.
ROOM 8301
WASHINGTON, D.C. 20509

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INTRODUCTION

The 1991 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 164 railroad accidents.

This summary provides the following information:

- the railroad (s) involved
- the location and the time of the accident
- the type of railroad accident
- the method of operation and movements involved
- the speed involved
- the number of casualties
- the estimated cost of railroad damages
- the probable cause and any contributing factor(s)

The railroad codes used in this summary can be found in the FRA Guide for Preparing Accident/Incident Reports Appendix A.

Estimated railroad damage includes labor cost, and all other costs to repair or replace damaged on-track equipment, signals, track, track structures, or roadbed. The cost of lading and clearing the wreck, as well as the cost to society, is not included.

The data were edited and summarized by FRA personnel. The United States Government assumes no liability for its contents or use.

Federal Railroad Adminsitraiton
Office of Safety, RRS-22
400 Seventh Street, S.W.
Washington, D.C. 20590

ACCIDENT SUMMARY

1. Accidents Investigated

During Calendar Year 1991, the Federal Railroad Administration investigated and determined the probable cause of 164 railroad accidents.

2. Type of Accident

		No.	Percent
(a)	Derailment	67	40.9
(b)	Head-End Collision	9	5.5
(c)	Rear-End Collision	7	4.3
(d)	Side Collision	11	6.7
(e)	Raking Collision	3	1.8
(f)	Highway-Rail Crossing	58	35.4
(g)	Railroad Grade Crossing	1	.6
(h)	Obstruction	4	2.4
(i)	Other	4	2.4
	Total	164	100.0

3. Casualties

		No.
(a)	Killed	154
(B)	Injured	904
	Total	1056

ACCIDENT SUMMARY BY TRACK CLASS, DAMAGES, AND TYPE

TRACK CLASS	ACCI DENTS	TOTAL DAMAGE	COLLI SIONS	DERAIL MENTS	OTHER ACCIDENTS	HIGHWAY-RAIL COLLISIONS
1	16	$2,310,830	6	8	1	1
2	11	$2,821,932	2	7	0	2
3	35	$15,462,872	5	16	3	11
4	90	$42,624,992	14	31	4	41
5	8	$2,953,484	1	4	0	3
6	3	$1,106,048	3	0	0	0
X	1	$74,000	0	1	0	0
TOTAL	164	$67,354,158	31	67	8	58

	COLLI SION	DERAIL MENT	OTHER	HIGHWAY-RAIL COLLISION	TOTAL ACCID
ALTON & SOUTHERN RAILROAD	0	1	0	0	1
AMTRAK (NATIONAL RR PASSENGER CORGRP)	2	2	0	7	11
ATCHISON, TOPEKA AND SANTA FE	0	4	0	2	6
BURLINGTON NORTHERN	8	12	2	5	27
BUFFALO AND PITTSBURGH	0	1	0	0	1
CHICAGO AND NORTH WESTERN	1	1	0	1	3
CONSOLIDATED RAIL CORPORATION	4	9	1	5	19
CSX TRANSPORTATION	6	11	3	9	29
DENVER AND RIO GRANDE WESTERN	1	1	1	0	3
FORDYCE & PRINCETON	1	0	0	0	1
GRAND TRUNK WESTERN RAILROAD	0	0	0	4	4
GATEWAY WESTERN RAILWAY	0	1	0	0	1
IOWA INTERSTATE RAILROAD	0	1	0	0	1
ILLINOIS CENTRAL RAILROAD	2	1	0	2	5
INDIANA RAILROAD COMPANY	1	0	0	0	1
LONG ISLAND RAIL ROAD	2	0	0	1	3
MONONGAHELA RAILWAY COMPANY	0	1	0	0	1
METRO NORTH COMMUTER	0	0	1	0	1
MISSOURI PACIFIC	0	1	0	2	3
MONTANA RAIL LINK	0	3	0	0	3
NASHVILLE & EASTERN RAILROAD	0	1	0	0	1
NORTHEAST ILLINOIS REG COM RAIL	0	0	0	1	1
NORFOLK SOUTHERN CORPORATION	1	1	0	0	2
NORFOLK AND WESTERN	1	1	0	5	7
NEW YORK, SUSQUEHANNA AND WESTERN	0	1	0	0	1
PADUCAH & LOUISVILLE RAILROAD CO	0	0	0	1	1
RICHMOND, FREDERICKSBURG AND POTOMAC	0	1	0	1	2
SOO LINE RAILROAD COMPANY	1	1	0	1	3
SOUTHERN RAILWAY	0	0	0	4	4
SOUTHERN PACIFIC TRANSPORTATION	3	5	0	5	13
ST. LOUIS SOUTHWESTERN	1	1	0	1	3
SPRINGFIELD TERMINAL RAILWAY	0	2	0	0	2
TERMINAL RAILROAD ASSOCIATION	0	2	0	0	2
UNION PACIFIC RAILROAD	3	8	2	8	21
WISCONSIN CENTRAL	0	0	0	1	1
WINSTON-SALEM SOUTHBOUND RAILWAY	0	0	0	1	1
YADKIN VALLEY RAILROAD COMPANY	1	0	0	0	1
TOTAL	39	74	10	67	190

REPORT NUMBER	RAILROAD CODE		....ACCIDENT LOCATION....		DATE	PAGE
1	BN		FORT MADISON	19	01/01/91	1
2	CSX		SPRINGHILL	18	01/03/91	1
3	CR		CHARLESTOWN	24	01/05/91	1
4	BN		SPOKANE	53	01/05/91	2
5	CSX		ORANGE GROVE	28	01/05/91	2
6	LI		BETHPAGE	36	01/11/91	2
7	MP		FORT GIBSON	40	01/11/91	3
8	ATK	CSX	TAMPA	12	01/12/91	3
9	CSX		MONROE	37	01/18/91	3
10	CSX		ROEBUCK	45	01/19/91	4
11	BN		TINA	29	01/22/91	4
12	GTW		WATERFORD	26	01/29/91	4
13	MRL		EAST HELENA	30	01/30/91	5
14	GTW		MOUNT CLEMONS	26	01/31/91	5
15	ALS	TRRA	ST. LOUIS	29	02/07/91	5
16	SP		DIBOLL	48	02/11/91	6
17	UP		SPOKANE	53	02/15/91	6
18	ATK	CSX	GREENVILLE	01	02/16/91	6
19	CSX		BREESE	17	02/16/91	7
20	CSX		ZEPHYR HILLS	12	02/19/91	7
21	CR		SOUTH BEND	18	02/19/91	7
22	BN		SPRINGFIELD	29	02/20/91	8
23	UP		WOOLDRIDGE	29	02/20/91	8
24	NW		LYNWOOD	51	02/23/91	8
25	CR		MOXAHALA	39	02/26/91	9
26	NERR		SYKES	47	02/27/91	9
27	NIRC	SOO	NORTHBROOK	17	02/27/91	9
28	CSX		NASHVILLE	47	02/28/91	10
29	CNW		DENISON	19	03/02/91	10
30	CR		SWANTON	39	03/04/91	10
31	UP		WATERFALL	56	03/04/91	11
32	CSX		APPALACHIA	47	03/05/91	11
33	UP		SACRAMENTO	06	03/06/91	11
34	ATK	CR	AMSTERDAM	36	03/08/91	12

REPORT NUMBBER	RAILROAD CODE	....ACCIDENT LOCATION.....		DATE	PAGE
35	CSX	FITZGERALD	13	03/12/91	12
36	BN	WHITBURY	28	03/14/91	12
37	CR	SHARON TOWNSHIP	39	03/14/91	14
38	SP	VANDENBERG	06	03/19/91	13
39	SP	HAYWARD	06	03/23/91	13
40	ATK IC	PEOTONE	17	03/27/91	14
41	SOU	TEMPLE	13	03/28/91	14
42	DRGW UP	CODY	20	03/28/91	14
43	BN	BOGARD	29	03/29/91	15
44	UP	LEVESQUE	05	04/01/91	15
45	NW	SADORUS	17	04/05/91	15
46	TRAA BN	ST LOUIS	29	04/08/91	16
47	SP	RICHMOND	48	04/08/91	16
48	WSS	ANSONVILLE	37	04/11/91	16
49	ATK CR	CHASE	24	04/12/91	17
50	IAIS	WILTON	19	04/12/91	17
51	UP	HOMLY	41	04/12/91	17
52	IC	EDGEWOOD	17	04/13/91	18
53	ATSF	KOUNTZ	48	04/14/91	18
54	BN	FOLSOM	35	04/15/91	18
55	SOU	ELBERTON	13	04/16/91	19
56	CR	ANSONIA	39	04/16/91	19
57	INRD IC	NEWTON	17	04/17/91	19
57	ATSF	RIVERSIDE	06	04/18/91	20
59	SOU	ALTO	13	04/20/91	20
60	CSX	ATLANTA	13	04/21/91	20
61	BN	EXETER	31	04/23/91	21
62	CSX CR	INDIANAPOLIS	18	04/23/91	21
63	NW	KERMIT	54	04/23/91	21
64	SOU	FULTON	01	04/28/91	22
65	BN	CHANNING	48	04/29/91	22
66	ST	CHARLEMONT	25	05/05/91	22
67	NW	GRANITE CITY	17	05/06/91	23

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
68	ATK IC	CANTON	28	05/09/91	23
69	CSX	VIENNA	13	05/11/91	23
70	NW	GREEN SPRINGS	39	05/12/91	24
71	SOO	LORETTO	27	05/13/91	24
72	LI	NEW YORK	36	05/15/91	24
73	UP	VANDERBILT	48	05/16/91	25
74	CR	SANDUSKY	39	05/21/91	25
75	NW	SPRINGFIELD	17	05/22/91	25
76	CSX	HASKINS	39	05/23/91	26
77	SSW FP	FORDYCE	05	05/24/91	26
78	BN	CARRIER	40	05/26/91	26
79	BN	MILL CREEK	40	05/26/91	27
80	SP	SAN ANTONIO	48	05/28/91	27
81	CR	MANOR	42	05/29/91	27
82	SP	WEIMAR	48	05/31/91	28
83	BN	BRUNSWICK	31	06/01/91	28
84	CSX	CAVE CITY	21	06/05/91	28
85	CSX MGA	RIVERSVILLE	54	06/06/91	29
86	NYSW CR	NARROWSBURG	36	06/19/91	29
87	BN CNW	BILL	56	06/19/91	29
88	ST	BANGOR	23	06/20/91	30
89	SSW	PROCTOR	05	06/20/91	30
90	MRL	CYR	30	06/21/91	30
91	CSX	MONON	18	06/21/91	31
92	UP SSW	HEAGY	29	06/23/91	31
93	RFP	ALEXANDRIA	51	06/23/91	31
94	CSX	CHARLESTON	45	06/24/91	32
95	GTW	JACKSON CENTER	39	06/27/91	32
96	CR ATK	BALTIMORE	24	06/28/91	32
97	BN	LOGAN CITY	29	06/28/91	33
98	UP	PEEBLE	16	07/01/91	33
99	MP	ST. LOUIS	29	07/01/91	33
100	UP	LAWRENCE	20	07/06/91	34
101	CR	DELTA	39	07/07/91	34
102	BN	FOUNTAIN CITY	55	07/08/91	34

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
103	MP	TECULA	48	07/08/91	35
104	ATK SP	PRAIRIE VIEW	48	07/09/91	35
105	ATSF	BOVINA	48	07/14/91	35
106	UP	WALCOTT	56	07/14/91	36
107	SP	DUNSMUIR	06	07/14/91	36
108	CR	PITTSBURGH	42	07/15/91	36
109	BPRR	BUTLER	42	07/17/91	37
110	ATSF	HIGGINS	48	07/20/91	37
111	ATK RFP	WOODBRIDGE	51	07/20/91	37
112	UP	JONESBORO	05	07/21/91	38
113	CR	MOXAHALA	39	07/24/91	38
114	BN	DOUGLAS	56	07/25/91	38
115	SP	SEA CLIFF	06	07/28/91	39
116	BN	DOBBIN	48	07/30/91	39
117	CSX	EVANSVILLE	18	07/31/91	40
119	ATK CSX	LUGOFF	45	07/31/91	40
118	CR	BRONX	36	08/05/91	40
120	IC	BURNSIDE	22	08/05/91	41
121	CR	CHARLEROI	42	08/07/91	41
122	ATSF	GALESBURG	17	08/07/91	41
123	NW	CONTINENTAL	39	08/10/91	42
124	ATSF	LUDLOW	06	08/16/91	42
125	BN	SPRAGUE	53	08/18/91	42
126	MNCW	EASTCHESTER	36	08/19/91	43
127	BN	SPOKANE	53	08/24/91	43
128	CSX	GLADSTONE	51	08/26/91	43
129	BN	BUCKLIN	29	08/28/91	44
130	BN	FOWLER	30	08/30/91	44
131	CSX	SMYRNA	13	09/05/91	44
132	BN	GIBBS	29	09/07/91	44
133	SP	MERRILL	41	09/17/91	45
134	NS	KNOX	18	09/17/91	45
135	YVRR	MT AIRY	37	09/19/91	46
136	UP	QUEEN CITY	48	09/21/91	46
137	GTW	LINDEN	26	09/26/91	46

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
138	CR CSX	WAYNE	26	09/28/91	47
139	CNW UP	GIBBON	31	09/28/91	47
140	DRGW	PINECLIFFE	08	09/30/91	48
141	NS	ROME	13	09/30/91	48
142	UP	VIRGILIA	06	10/02/91	48
143	WC	SHERIDAN	55	10/15/91	49
144	CSX	GRANITE	47	10/16/91	49
146	UP	COLBERT	40	10/17/91	49
145	BN	CANBY	53	10/18/91	50
147	PAL	CECILIA	21	10/25/91	50
148	UP	PLEASANT GROVE	49	11/05/91	50
149	UP	LASALLE	08	11/06/91	51
150	CSX	TAFT	12	11/06/91	51
151	LI	QUEENS	36	11/18/91	51
153	SP	FRINK	06	11/19/91	52
152	CSX	SHEPHERDSVILLE	21	11/19/91	52
155	BN SOO	ST. PAUL	27	11/22/91	53
154	MRL	THOMPSON FALLS	30	11/22/91	53
156	SP	HARRISBURG	41	11/22/91	52
157	SP	BAKERSFIELD	06	11/29/91	54
158	UP	CONWAY	05	12/15/91	54
159	UP DRGW	PROVO	49	12/16/91	54
160	ATK CSX	PALATKA	12	12/17/91	54
161	CSX	COTTON DALE	12	12/20/91	55
162	BN	EVERETT	53	12/23/91	55
163	BN	SPOKANE	53	12/24/91	55
164	GWWR	BATES CITY	29	12/30/91	56

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	01/01/91	03:05 AM	FT MADISON	IA	HIGHWAY-RAIL CROSSING	2	0	$ 200

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
1 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 42NA 28 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CSX	01/03/91	03:23 AM	SPRINGHILL	IN	DERAILMENT	0	0	$ 924,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
2 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 59202 52 MPH
EQUIPMENT DERAILED: 29 CAR(S)

PROBABLE CAUSE: IMPROPER TRACK PROFILE CAUSED WHEEL LIFT.

CR	01/05/91	01:00 AM	CHARLESTOWN	MD	RAKING COLLISION	0	0	$ 40,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 6
3 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: FREIGHT TRAIN NW102 25 MPH
CAB SIGNAL FREIGHT TRAIN ENES4 20 MPH
AUTO TRAIN STOP
AUTO TRAIN CONTROL
EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: FROZEN LADING (COAL) ON THE LEFT SIDE OF A HOPPER CAR IN TRAIN NW 102 CAUSED THE CAR TO LEAN AND FOUL THE ADJACENT TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	01/05/91	04:50 AM	SPOKANE	WA	SIDE COLLISION	0	0	$ 77,400

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
4 METHOD OF OPERATION: YARD RULES

MOVEMENTS INVOLVED: FREIGHT TRAIN 2724 05 MPH
FREIGHT TRAIN 388 0 MPH

EQUIPMENT DERAILED: 5 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 200

PROBABLE CAUSE: THE CREWMEMBERS OF BN 2724 WEST FAILED TO PROVIDE PROPER PROTECTION DURING A SHOVING MOVE.

CSX	01/05/91	09:02 AM	ORANGE GROVE	MS	HIGHWAY-RAIL CROSSING	2	2	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
5 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN 57904 49 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

LI	01/11/91	06:10 PM	BETHPAGE	NY	HIGHWAY-RAIL CROSSING	2	0	$ 5,200

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
6 METHOD OF OPERATION: TRAFFIC CONTROL
CAB SIGNAL
AUTO TRAIN CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: PASSENGER TRAIN 22 62 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE STALLED ON A HIGHWAY-RAIL GRADE CROSSING DUE TO AN ACCUMULATION OF SNOW AND ICE ON THE UNPLOWED ROADWAY SURFACE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MP	01/11/91	11:10 PM	FORT GIBSON	OK	HIGHWAY-RAIL CROSSING	6	2	$ 1,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
7 METHOD OF OPERATION: TRACK WARRANT CONTROL
AUTOMATIC BLOCK
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN CNANW 48 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

ATK CSX	01/12/91	07:57 PM	TAMPA	FL	HIGHWAY-RAIL CROSSING	2	0	$ 2,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
8 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: PASSENGER TRAIN 82 45 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CSX	01/18/91	03:27 AM	MONROE	NC	DERAILMENT	0	0	$ 35,950

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
9 METHOD OF OPERATION: YARD RULES
EQUIPMENT DERAILED: 7 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN F756 12 MPH

PROBABLE CAUSE: WHEEL LIFT CAUSED BY EXCESSIVE LATERAL DRAWBAR FORCE RESULTING FROM THE RUN-IN OF SLACK ON A 89-FOOT CAR IN A REVERSE CURVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	01/19/91	02:55 PM	ROEBUCK	SC	HEAD-END COLLISION	0	7	$ 1,486,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
10 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN U-155 0 MPH
FREIGHT TRAIN R-691 35 MPH
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
15 CAR(S)

PROBABLE CAUSE: THE CREWMEMBERS OF CSXT R-691 ENTERED THE KILGORE BLOCK WITHOUT AUTHORITY.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	01/22/91	01:30 AM	TINA	MO	RAKING COLLISION	0	0	$ 535,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
11 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 15121 43 MPH
EQUIPMENT DERAILED: 8 CAR(S)

PROBABLE CAUSE: A SHIFTED LOAD OF STEEL PLATE STRUCK AND COLLAPSED A PORTION OF A THROUGH TRUSS BRIDGE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
GTW	01/29/91	06:20 PM	WATERFORD	MI	HIGHWAY-RAIL CROSSING	2	0	$ 484

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
12 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 251 55 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	01/30/91	05:20 PM	EAST HELENA	MT	DERAILMENT	0	0	$ 731,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
13 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 35 CAR(S)
MOVEMENTS INVOLVED: FREIGHT TRAIN 01121 58 MPH

PROBABLE CAUSE: MISSING DRAFT KEY RETAINER ALLOWED DRAFT KEY TO DISENGAGE FROM THE DRAWBAR AND PERMITTED THE DRAWBAR ASSEMBLY TO FALL INTO THE GAGE OF THE TRACK.

GTW	01/31/91	01:40 PM	MOUNT CLEMENS	MI	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
14 METHOD OF OPERATION: VOICE CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE
MOVEMENTS INVOLVED: FREIGHT TRAIN 601 38 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

ALS TRRA	02/07/91	09:15 PM	ST.LOUIS	MO	DERAILMENT	0	0	$ 241,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
15 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 4 CAR(S)
MOVEMENTS INVOLVED: FREIGHT TRAIN 3188 2 MPH

PROBABLE CAUSE: EXCESSIVE DRAFT FORCES CAUSED LIGHTWEIGHT CARS AT THE FRONT END OF THE TRAIN TO STRING-LINE A 12-DEGREE CURVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	02/11/91	02:20 PM	DIBOLL	TX	HIGHWAY-RAIL CROSSING	0	1	$ 347,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
16 METHOD OF OPERATION: AUTOMATIC BLOCK
DIRECT TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN PBHOM 50 MPH
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
17 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 80
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

UP	02/15/91	03:55 PM	SPOKANE	WA	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
17 METHOD OF OPERATION: TRACK WARRANT CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN GLEPH 40 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

ATK CSX	02/16/91	03:27 PM	GREENVILLE	AL	HIGHWAY-RAIL CROSSING	2	0	$ 8,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
18 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: PASSENGER TRAIN 51916 53 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	02/16/91	11:22 PM	BREESE	IL	HIGHWAY-RAIL CROSSING	2	0	$ 100

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
19 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN 37315 40 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CSX	02/19/91	05:45 AM	ZEPHYR HILLS	FL	DERAILMENT	0	0	$ 1,085,360

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
20 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 24 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 25019 39 MPH

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT CAUSED BY AN OUT OF CONTROL AUTOMOBILE THAT STRUCK THE TRACK JUST PRIOR TO THE TRAIN'S ARRIVAL.

CR	02/19/91	09:55 PM	SOUTH BEND	IN	HIGHWAY-RAIL CROSSING	2	0	$ 150

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
21 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN TV-2 38 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	02/20/91	09:30 PM	SPRINGFIELD	MO	REAR-END COLLISION	0	3	$ 73,684

TYPE OF TRACK: YARD
CLASS OF TRACK: 2
22 METHOD OF OPERATION: YARD RULES

MOVEMENTS INVOLVED: YARD/SWITCHING 224G 0 MPH
FREIGHT TRAIN 6705 18 MPH

EQUIPMENT DERAILED: 6 CAR(S)

PROBABLE CAUSE: THE CREWMEMBERS OF BN 6705 FAILED TO OPERATE THE TRAIN AT RESTRICTED SPEED WHICH REQUIRED MOVEMENT PREPARED TO STOP WITHIN HALF THE RANGE OF VISION.

UP	02/20/91	11:05 AM	WOOLDRIDGE	MO	DERAILMENT	0	0	$ 439,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
23 METHOD OF OPERATION: TRACK WARRANT CONTROL
AUTOMATIC BLOCK

MOVEMENTS INVOLVED: FREIGHT TRAIN NPLM 50 MPH

EQUIPMENT DERAILED: 29 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 300

PROBABLE CAUSE: BROKEN R-4 WHEEL ON ACFX 84320 (SUBSURFACE DEFECT).

NW	02/23/91	05:10 PM	LYNWOOD	VA	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
24 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: NONE

MOVEMENTS INVOLVED: FREIGHT TRAIN 576V7 40 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A PRIVATE HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	02/26/91	09:20 AM	MOXAHALA	OH	DERAILMENT	0	0	$ 92,956

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
25 METHOD OF OPERATION: MANUAL BLOCK — MOVEMENTS INVOLVED: FREIGHT TRAIN — CODI6 — 34 MPH
EQUIPMENT DERAILED: 12 CAR(S)

PROBABLE CAUSE: EXCESSIVE DEVIATION FROM UNIFORM ALIGNMENT IN A FOUR-DEGREE CURVE.

NERR	02/27/91	11:25 AM	SYKES	TN	DERAILMENT	0	0	$ 74,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: EXCEPTED
26 METHOD OF OPERATION: MANUAL BLOCK — MOVEMENTS INVOLVED: FREIGHT TRAIN — 5344 — 10 MPH
EQUIPMENT DERAILED: 7 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES — NUMBER EVACUATED: 25

PROBABLE CAUSE: IRREGULAR ALIGNMENT AND TRACK SURFACE ON A SIX-DEGREE CURVE.

NIRC SOO	02/27/91	11:26 AM	NORTHBROOK	IL	HIGHWAY-RAIL CROSSING	0	21	$ 1,291,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
27 METHOD OF OPERATION: TRAFFIC CONTROL — MOVEMENTS INVOLVED: PASSENGER TRAIN — 2130 — 65 MPH
EQUIPMENT DERAILED: 5 CAR(S)
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: DEFECTIVE BRAKES ON THE TRACTOR-TRAILER.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	02/28/91	05:45 AM	NASHVILLE	TN	REAR-END COLLISION	0	0	$ 394,000

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
28 METHOD OF OPERATION: YARD RULES
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)

MOVEMENTS INVOLVED: LIGHT LOCO(S) 0 MPH
LIGHT LOCO(S) 15 MPH

PROBABLE CAUSE: THE FAILURE OF A HOSTLER TO PROPERLY SECURE A CONSIST OF SIX UNATTENDED LOCOMOTIVES ON A DESCENDING GRADE ALLOWED THEM TO ROLL FREE AND STRIKE A STANDING CONSIST OF TWO LOCOMOTIVES.

CNW	03/02/91	08:15 AM	DENISON	IA	DERAILMENT	0	0	$ 775,571

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
29 METHOD OF OPERATION: AUTO TRAIN CONTROL
EQUIPMENT DERAILED: 21 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN FRCRG 40 MPH

PROBABLE CAUSE: BROKEN L-4 WHEEL ON UELX 60191 (SHATTERED RIM).

CR	03/04/91	06:15 AM	SWANTON	OH	HIGHWAY-RAIL CROSSING	2	0	$ 500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
30 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN EP14 50 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	03/04/91	10:34 AM	WATERFALL	WY	OTHER	0	4	$ 1,445,467

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
31 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 31 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN NPBAT 0 MPH
CUT OF CARS GQHTT 40 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF TRAIN UP GQHTT FAILED TO PROPERLY SECURE THE UNATTENDED CARS OF THEIR TRAIN.

CONTRIBUTING FACTORS: THE CLOSING OF AN ANGLE COCK BEFORE BRAKE PIPE REDUCTION HAD BEEN COMPLETED, PERMITTED THE AIR BRAKES TO RELEASE.

CSX	03/05/91	03:30 AM	APPALACHIA	TN	DERAILMENT	0	0	$ 44,700

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
32 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
EQUIPMENT DERAILED: 10 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 77004 10 MPH

PROBABLE CAUSE: WIDE GAGE RESULTING FROM INEFFECTIVE CROSSTIES.

UP	03/06/91	02:12 AM	SACRAMENTO	CA	HIGHWAY-RAIL CROSSING	2	2	$ 2,348

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
33 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN MINPZ 40 MPH

PROBABLE CAUSE: THE DELIVERY TRUCK OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO A PASSING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING AFTER FIRST STRIKING A PICK-UP TRUCK STANDING AT THE CROSSING.

CONTRIBUTING FACTORS: THE TWO FATALLY INJURED OCCUPANTS OF THE DELIVERY TRUCK HAD BLOOD ALCOHOL LEVELS THAT WERE MEASURED AT 0.33 AND 0.28 PERCENT. IT COULD NOT BE DETERMINED WHO WAS THE DRIVER.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK CR	03/08/91	12:51 PM	AMSTERDAM	NY	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
34 METHOD OF OPERATION: TRAFFIC CONTROL
CAB SIGNAL
MOVEMENTS INVOLVED: PASSENGER TRAIN 63 70 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CSX	03/12/91	03:00 AM	FITZGERALD	GA	DERAILMENT	0	3	$ 12,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
35 METHOD OF OPERATION: CARRIER RULES
MOVEMENTS INVOLVED: FREIGHT TRAIN A7261 15 MPH
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
1 CAR(S)

PROBABLE CAUSE: WASHOUT OF TRACK ROADBED.

CONTRIBUTING FACTORS: CARRIER FAILED TO MAKE A SPECIAL INSPECTION OF THE TRACK AFTER SEVERE FLOODING.

BN	03/14/91	05:53 PM	WHITBURY	MS	HIGHWAY-RAIL CROSSING	5	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
36 METHOD OF OPERATION: TRACK WARRANT CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 95852 48 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	03/14/91	10:15 PM	SHARON TOWNSHIP	OH	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
37 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN TV5 60 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.24 PERCENT.

SP	03/19/91	04:30 AM	VANDENBERG AFB	CA	DERAILMENT	0	0	$ 1,538,618

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
38 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
22 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN WSWCM 56 MPH

PROBABLE CAUSE: WASHOUT OF TRACK ROADBED.

CONTRIBUTING FACTORS: A CULVERT IN THE ACCIDENT AREA WAS OBSTRUCTED BY DEBRIS AND WOULD NOT ACCOMMODATE THE WATER FLOW FROM HEAVY RAINFALL.

SP	03/23/91	05:58 AM	HAYWARD	CA	DERAILMENT	0	0	$ 1,218,699

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
39 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
EQUIPMENT DERAILED: 26 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN OAWSM 40 MPH

PROBABLE CAUSE: BURNED OFF R-4 JOURNAL CAUSED BY A FAILED ROLLER BEARING ON THE LEAD TRUCK OF BOX CAR NO. SP243757.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK IC	03/27/91	05:15 PM	PEOTONE	IL	HIGHWAY-RAIL CROSSING	0	14	$ 313,511

	TYPE OF TRACK:	MAIN			
	CLASS OF TRACK:	4			
40	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN	391	79 MPH
	EQUIPMENT DERAILED:	NONE			
	WARNING DEVICE:	PASSIVE			

PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

SOU	03/28/91	02:48 PM	TEMPLE	GA	HIGHWAY-RAIL CROSSING	2	0	$ 1,269

	TYPE OF TRACK:	MAIN			
	CLASS OF TRACK:	4			
41	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN	368	40 MPH
	EQUIPMENT DERAILED:	NONE			
	WARNING DEVICE:	PASSIVE			

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

DRGW UP	03/28/91	07:15 AM	CODY	KS	HEAD-END COLLISION	0	3	$ 1,970,000

	TYPE OF TRACK:	MAIN			
	CLASS OF TRACK:	4			
42	METHOD OF OPERATION:	TRACK WARRANT CONTROL AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN	GJNSM KCGJU	40 MPH 0 MPH
	EQUIPMENT DERAILED:	4 LOCOMOTIVE(S) 12 CAR(S)			

PROBABLE CAUSE: THE CONDUCTOR OF TRAIN KCGJU MISTAKENLY POSITIONED A MAIN TRACK SWITCH FOR MOVEMENT FROM THE MAIN TRACK INTO THE SIDING, OCCUPIED BY TRAIN KCGJU, WHILE TRAIN GJNSM WAS CLOSELY APPROACHING ON THE MAIN TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	03/29/91	08:20 AM	BOGARD	MO	DERAILMENT	0	0	$ 577,800

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
43 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 24 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES
MOVEMENTS INVOLVED: FREIGHT TRAIN 01153 51 MPH
NUMBER EVACUATED: 1

PROBABLE CAUSE: UNDETERMINED.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	04/01/91	01:10 AM	LEVESQUE	AR	DERAILMENT	0	0	$ 136,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
44 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 13 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES
MOVEMENTS INVOLVED: FREIGHT TRAIN NLMEN 38 MPH
NUMBER EVACUATED: 65

PROBABLE CAUSE: COUPLER YOKE FAILURE (20 PERCENT OLD BREAK) ON CAR ATSF 55634.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	04/05/91	07:29 AM	SADORUS	IL	REAR-END COLLISION	0	5	$ 176,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
45 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
4 CAR(S)
MOVEMENTS INVOLVED: FREIGHT TRAIN 407 0 MPH
FREIGHT TRAIN 181 18 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF NW 181 FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
TRRA BN	04/08/91	06:25 AM	ST.LOUIS	MO	DERAILMENT	0	0	$ 36,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
46 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 44108 18 MPH
EQUIPMENT DERAILED: 2 CAR(S)

PROBABLE CAUSE: WHEEL LIFT CAUSED BY HARMONIC ROCK OF HIGH CENTER OF GRAVITY CARS.

CONTRIBUTING FACTORS: IRREGULAR CROSS LEVEL OF TRACK.

SP	04/08/91	09:00 PM	RICHMOND	TX	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
47 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: FREIGHT TRAIN AHXOT 34 MPH
DIRECT TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

WSS	04/11/91	08:40 AM	ANSONVILLE	NC	HIGHWAY-RAIL CROSSING	0	0	$ 1,103,184

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
48 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 209 26 MPH
EQUIPMENT DERAILED: 5 LOCOMOTIVE(S)
7 CAR(S)
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK CR	04/12/91	03:06 AM	CHASE	MD	SIDE COLLISION	0	2	$ 759,960

TYPE OF TRACK: MAIN
CLASS OF TRACK: 6
49 METHOD OF OPERATION: INTERLOCKING, CAB SIGNAL, AUTO TRAIN STOP, AUTO TRAIN CONTROL

MOVEMENTS INVOLVED:

LIGHT LOCO(S)	390	30 MPH
FREIGHT TRAIN	6426	10 MPH

EQUIPMENT DERAILED: 7 CAR(S)

PROBABLE CAUSE: INADEQUATE BRAKES ON ATK 390 CAUSED BY THE FAILURE OF THE MECHANICAL DEPARTMENT PERSONNEL TO COUPLE ALL MU HOSES, CUT IN ALL CUT-OUT COCKS BETWEEN THE LOCOMOTIVES IN THE CONSIST, AND ENGAGE THE DEAD-ENGINE FEATURE ON THE THREE DEAD-IN-TOW LOCOMOTIVES.

CONTRIBUTING FACTORS: THE CREWMEMBERS OF ATK 390 FAILED TO ASCERTAIN THAT ALL BRAKES FUNCTIONED PROPERLY WHEN USING THE INDEPENDENT BRAKE FEATURE DURING THE INITIAL TERMINAL AIR BRAKE TEST.

IAIS	04/12/91	05:55 AM	WILTON	IA	DERAILMENT	0	0	$ 712,245

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
50 METHOD OF OPERATION: TRACK WARRANT CONTROL
EQUIPMENT DERAILED: 28 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 414 35 MPH

PROBABLE CAUSE: A BROKEN NO. 1 SWITCH ROD ALLOWED THE SWITCH POINTS TO GAP UNDER TRAIN MOVEMENT.

UP	04/12/91	06:15 PM	HOMLY	OR	DERAILMENT	0	4	$ 353,600

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
51 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 18 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 2

MOVEMENTS INVOLVED: FREIGHT TRAIN PCHK1 29 MPH

PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE FORCES) CAUSED BY IMPROPER TRAIN MAKE-UP.

CONTRIBUTING FACTORS: ACCELERATED APPLICATION OF THE DYNAMIC BRAKE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
IC	04/13/91	06:15 PM	EDGEWOOD	IL	DERAILMENT	0	0	$ 722,600

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
52 METHOD OF OPERATION: INTERLOCKING MOVEMENTS INVOLVED: FREIGHT TRAIN MECH 25 MPH
EQUIPMENT DERAILED: 25 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 450

PROBABLE CAUSE: BROKEN RAIL (DETAIL FRACTURE).

ATSF	04/14/91	12:20 PM	KOUNTZ	TX	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
53 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 60514 45 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

BN	04/15/91	02:40 AM	FOLSOM	NM	REAR-END COLLISION	0	2	$ 20,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
54 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 71KKO 10 MPH
FREIGHT TRAIN 01195 0 MPH
EQUIPMENT DERAILED: 1 CAR(S)
1CABOOSE(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 0

PROBABLE CAUSE: THE CREWMEMBERS OF BN 71KKO FAILED TO CONTROL THE SPEED OF THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOU	04/16/91	02:20 PM	ELBERTON	GA	HIGHWAY-RAIL CROSSING	0	4	$ 78,200

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
55 METHOD OF OPERATION: TRACK WARRANT CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN P37P4 25 MPH

PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CR	04/16/91	10:45 AM	ANSONIA	OH	DERAILMENT	0	0	$ 34,600

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
56 METHOD OF OPERATION: AUTOMATIC BLOCK
TIME TABLE
EQUIPMENT DERAILED: 27 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN SEAS5 8 MPH

PROBABLE CAUSE: IMPROPER PLACEMENT OF COMMUTER CARS. CONRAIL SPECIAL HANDLING INSTRUCTIONS FOR PASSENGER TYPE EQUIPMENT PROHIBITS COUPLING OF COMMUTER CARS TO FREIGHT CARS HAVING SHELF TYPE COUPLERS.

INRD IC	04/17/91	02:15 AM	NEWTON	IL	HEAD-END COLLISION	0	1	$ 261,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
57 METHOD OF OPERATION: YARD LIMITS
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
2 CAR(S)
1CABOOSE(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN REFO2 3 MPH
FREIGHT TRAIN 2525 12 MPH

PROBABLE CAUSE: THE IC CREWMEMBERS OF REFO2 FAILED TO PROVIDE PROTECTION ON THE LEAD CAR DURING A SHOVING MOVE.

CONTRIBUTING FACTORS: THE CREWMEMBERS OF INDR 2525 FAILED TO OPERATE THE TRAIN IN YARD LIMITS PREPARED TO STOP WITHIN HALF THE RANGE OF VISION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	04/18/91	08:40 PM	RIVERSIDE	CA	DERAILMENT	0	0	$ 118,150

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
58 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 4868 40 MPH
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
7 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 1000

PROBABLE CAUSE: UNDETERMINED.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOU	04/20/91	08:05 PM	ALTO	GA	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
59 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 173 47 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	04/21/91	09:15 PM	ATLANTA	GA	HEAD-END COLLISION	0	0	$ 920,000

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
60 METHOD OF OPERATION: YARD RULES MOVEMENTS INVOLVED: LIGHT LOCO(S) 5723 0 MPH
LIGHT LOCO(S) 5816 18 MPH
EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: THE FAILURE OF A HOSTLER HELPER TO PROPERLY SECURE THE 5816 LOCOMOTIVE CONSIST ALLOWED IT TO ROLL FREE AND STRIKE THE STANDING 5723 LIGHT LOCOMOTIVE CONSIST.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	04/23/91	02:34 PM	EXETER	NE	DERAILMENT	0	0	$ 470,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
61 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 21 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 01161 50 MPH

PROBABLE CAUSE: BURNED OFF L-2 JOURNAL CAUSED BY A FAILED ROLLER BEARING ON THE LEAD TRUCK OF BOX CAR NO. BN 747219.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX CR	04/23/91	04:45 AM	INDIANAPOLIS	IN	SIDE COLLISION	0	1	$ 29,700

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
62 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
2 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN AV39 5 MPH
LIGHT LOCO(S) 2531 25 MPH

PROBABLE CAUSE: THE FAILURE OF THE ENGINEER TO PROPERLY SECURE THE 2531 LIGHT LOCOMOTIVE CONSIST ALLOWED IT TO ROLL FREE AND STRIKE FREIGHT TRAIN AV39 AT A TURNOUT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	04/24/91	07:22 AM	KERMIT	WV	DERAILMENT	0	3	$ 195,700

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
63 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
9 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 510U2 37 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF NW 510U2 FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOU	04/28/91	03:05 PM	FULTON	AL	HIGHWAY-RAIL CROSSING	3	3	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
64 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 693A4 46 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

- PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

BN	04/29/91	05:40 AM	CHANNING	TX	DERAILMENT	0	0	$ 840,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
65 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 01196 47 MPH
EQUIPMENT DERAILED: 34 CAR(S)

PROBABLE CAUSE: BROKEN RAIL (DETAIL FRACTURE).

ST	05/05/91	04:28 PM	CHARLEMONT	MA	DERAILMENT	0	0	$ 159,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
66 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN WADH 35 MPH
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
6 CAR(S)

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED).

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	05/06/91	10:55 PM	GRANITE CITY	IL	HIGHWAY-RAIL CROSSING	2	1	$ 1,300

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
67 METHOD OF OPERATION: YARD RULES MOVEMENTS INVOLVED: YARD/SWITCHING DA41 3 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

ATK IC	05/09/91	09:56 AM	CANTON	MS	HIGHWAY-RAIL CROSSING	3	0	$ 400

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
68 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 79 MPH
TRACK PERMIT CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CSX	05/11/91	12:01 PM	VIENNA	GA	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
69 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN R6541 45 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	05/12/91	08:55 PM	GREEN SPRINGS	OH	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
70 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN 233L3 43 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

SOO	05/13/91	12:55 PM	LORETTO	MN	DERAILMENT	0	0	$ 397,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
71 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 17 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 400

MOVEMENTS INVOLVED: FREIGHT TRAIN 577TC 38 MPH

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED).

LI	05/15/91	01:24 PM	NEW YORK	NY	RAKING COLLISION	0	0	$ 61,800

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
72 METHOD OF OPERATION: INTERLOCKING
CAB SIGNAL
EQUIPMENT DERAILED: NONE

MOVEMENTS INVOLVED: PASSENGER TRAIN 1615 0 MPH
PASSENGER TRAIN 143 5 MPH

PROBABLE CAUSE: AN INSULATED JOINT IN TRACK CIRCUIT C-20 WAS IMPROPERLY LOCATED CAUSING A FALSE PROCEED SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	05/16/91	07:45 PM	VANDERBILT	TX	DERAILMENT	0	0	$ 415,670

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
73 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN HOKV 50 MPH
EQUIPMENT DERAILED: 24 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 8

PROBABLE CAUSE: DEFECTIVE SNUBBING DEVICE ON THE LEADING TRUCK OF CAR NO. DUPX 26234.

CR	05/21/91	11:55 PM	SANDUSKY	OH	DERAILMENT	0	1	$ 705,901

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
74 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN PIEL1 48 MPH
EQUIPMENT DERAILED: 36 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 25

PROBABLE CAUSE: BROKEN R-3 WHEEL ON BOX CAR ATSF 621302 (FATIGUE CRACK).

CONTRIBUTING FACTORS: THE FATIGUE CRACK WAS CAUSED BY A PRIOR IMPACT THAT RESULTED IN DAMAGE TO THE BACK OF THE RIM.

NW	05/22/91	03:40 PM	SPRINGFIELD	IL	HIGHWAY-RAIL CROSSING	2	1	$ 1,435

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
75 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 14502 35 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/23/91	10:20 AM	HASKINS	OH	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
76 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN S-200 50 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

SSW FP	05/24/91	03:00 AM	FORDYCE	AR	RR GRADE CROSSING	0	3	$ 8,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
77 METHOD OF OPERATION: INTERLOCKING
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
1 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN MBSMF 5 MPH
FREIGHT TRAIN ADN18 9 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF F&P ADN 18 FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION AT A RAILROAD CROSSING-AT-GRADE.

BN	05/26/91	01:15 PM	CARRIER	OK	DERAILMENT	0	0	$ 394,900

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
78 METHOD OF OPERATION: TRACK WARRANT CONTROL
EQUIPMENT DERAILED: 28 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 100

MOVEMENTS INVOLVED: FREIGHT TRAIN 02178 44 MPH

PROBABLE CAUSE: BURNED OFF L-2 JOURNAL CAUSED BY A FAILED PLAIN BEARING ON THE TRAILING TRUCK OF HOPPER CAR JMHX 41380.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	05/26/91	12:30 AM	MILL CREEK	OK	OTHER	0	2	$ 4,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
79 METHOD OF OPERATION: TRAFFIC CONTROL

MOVEMENTS INVOLVED: FREIGHT TRAIN 01050 20 MPH
SINGLE CAR 78811 UNK MPH

EQUIPMENT DERAILED: 1 CAR(S)

PROBABLE CAUSE: AN UNIDENTIFIED PERSON OR PERSONS FAILED TO PROPERLY SECURE AN EMPTY HOPPER CAR (SLSF 78811) ON AN AUXILIARY TRACK. THE CAR LATER ROLLED FREE ONTO THE MAIN TRACK AND SUBSEQUENTLY COLLIDED WITH MOVING FREIGHT TRAIN NO. BN 01050.

CONTRIBUTING FACTORS: FAILURE OF A HINGED BLOCK DERAIL ON THE AUXILIARY TRACK TO PREVENT THE MOVEMENT OF THE EMPTY COVERED HOPPER ONTO THE MAIN TRACK.

SP	05/28/91	02:00 AM	SAN ANTONIO	TX	HIGHWAY-RAIL CROSSING	2	1	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
80 METHOD OF OPERATION: AUTOMATIC BLOCK
TIME TABLE

MOVEMENTS INVOLVED: FREIGHT TRAIN AXDAT 38 MPH

EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE COSSING.

CR	05/29/91	08:00 PM	MANOR	PA	DERAILMENT	0	0	$ 267,820

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
81 METHOD OF OPERATION: TRAFFIC CONTROL
AUTO TRAIN STOP
CAB SIGNAL

MOVEMENTS INVOLVED: FREIGHT TRAIN OIAS9 40 MPH

EQUIPMENT DERAILED: 21 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 35

PROBABLE CAUSE: AN UNDESIRED EMERGENCY APPLICATION OF THE TRAIN BRAKES CAUSED BY A LOOSE TRAIN LINE CONNECTION ON CAR NO. TTWX 978295.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	05/31/91	10:50 AM	WEIMAR	TX	HIGHWAY-RAIL CROSSING	4	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
82 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
MOVEMENTS INVOLVED: FREIGHT TRAIN AXHOT 60 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

BN	06/01/91	02:00 AM	BRUNSWICK	NE	HIGHWAY-RAIL CROSSING	2	0	$ 1,650

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
83 METHOD OF OPERATION: TRACK WARRANT CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 31658 0 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO STOP SHORT OF A STANDING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.139 PERCENT.

CSX	06/05/91	12:50 PM	CAVE CITY	KY	DERAILMENT	0	0	$ 253,918

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
84 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 53403 44 MPH
EQUIPMENT DERAILED: 33 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 300

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED TRACK).

CONTRIBUTING FACTORS: FAILURE OF MAINTENANCE OF WAY DEPARTMENT PERSONNEL TO PLACE A SPEED RESTRICTION ON THE RECENTLY SURFACED TRACK STRUCTURE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX MGA	06/06/91	09:55 PM	RIVESVILLE	WV	DERAILMENT	0	0	$ 82,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
85 METHOD OF OPERATION: MANUAL BLOCK
EQUIPMENT DERAILED: 10 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN V174 10 MPH

PROBABLE CAUSE: BROKEN RAIL (ORDINARY BREAK).

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NYSW CR	06/19/91	03:15 AM	NARROWSBURG	NY	DERAILMENT	0	0	$ 438,406

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
86 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 7 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN NTV-4 38 MPH

PROBABLE CAUSE: THE RAIL ROLLED OUT THROUGH THE SWITCH POINT AREA CAUSED BY THE OUTER EDGE OF THE WHEEL TREAD COMING IN CONTACT WITH THE GAGE SIDE OF THR NORTH STOCK RAIL.

CONTRIBUTING FACTORS: IRREGULAR TRACK SURFACE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN CNW	06/19/91	04:29 AM	BILL	WY	REAR-END COLLISION	1	2	$ 1,694,689

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
87 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
21 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 01CB3 63 MPH
FREIGHT TRAIN NWNAX 0 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF BN 01CB3 WEST FAILED TO OPERATE THEIR TRAIN IN ACCORDANCE WITH APPROACH AND STOP SIGNAL INDICATIONS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ST	06/20/91	06:40 PM	BANGOR	ME	DERAILMENT	0	0	$ 101,999

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
88 METHOD OF OPERATION: VOICE CONTROL
EQUIPMENT DERAILED: 7 CAR(S)
MOVEMENTS INVOLVED: FREIGHT TRAIN OT126 8 MPH

PROBABLE CAUSE: IRREGULAR CROSS LEVEL ON A CURVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW	06/20/91	09:50 AM	PROCTOR	AR	HIGHWAY-RAIL CROSSING	1	3	$ 2,092,378

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
89 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
10 CAR(S)
WARNING DEVICE: ACTIVE
MOVEMENTS INVOLVED: FREIGHT TRAIN DAMFQ 40 MPH

PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	06/21/91	02:00 PM	CYR	MT	DERAILMENT	0	0	$ 368,400

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
90 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 18 CAR(S)
MOVEMENTS INVOLVED: FREIGHT TRAIN 01120 42 MPH

PROBABLE CAUSE: WHEEL LIFT ON HIGH SIDE OF CURVE BECAUSE OF AN UNBALANCED LOAD IN HOPPER POCKETS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	06/21/91	11:30 AM	MONON	IN	HIGHWAY-RAIL CROSSING	0	3	$ 910,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
91 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
MOVEMENTS INVOLVED: PASSENGER TRAIN P320 74 MPH
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
8 CAR(S)
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN (AMERICAN EUROPEAN EXPRESS) AT A HIGHWAY-RAIL GRADE CROSSING.

UP SSW	06/23/91	05:45 PM	HEAGY	MO	DERAILMENT	0	0	$ 452,100

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
92 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN CHNL 40 MPH
EQUIPMENT DERAILED: 28 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 450

PROBABLE CAUSE: WORN TRUCK SPRING SNUBBER BLOCK PERMITTED WHEEL LIFT.

RFP	06/23/91	09:30 AM	ALEXANDRIA	VA	DERAILMENT	0	0	$ 91,400

TYPE OF TRACK: YARD
CLASS OF TRACK: 2
93 METHOD OF OPERATION: YARD RULES
MOVEMENTS INVOLVED: FREIGHT TRAIN 41323 20 MPH
EQUIPMENT DERAILED: 5 CAR(S)

PROBABLE CAUSE: A WORN FLANGE ON THE L-1 WHEEL OF THE LEAD TRUCK ON TANK CAR NATX 16154 PERMITTED THE WHEEL TO CLIMB THE RIGHT-HAND SWITCH POINT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	06/24/91	09:15 PM	CHARLESTON	SC	REAR-END COLLISION	0	1	$ 10,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
94 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE

MOVEMENTS INVOLVED: FREIGHT TRAIN Y205 0 MPH
FREIGHT TRAIN R176 35 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF R176 FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH A RESTRICTED SPEED SIGNAL INDICATION.

GTW	06/27/91	07:00 PM	JACKSON CENTER	OH	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
95 METHOD OF OPERATION: MANUAL BLOCK
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN 217 47 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CR ATK	06/28/91	10:20 PM	BALTIMORE	MD	SIDE COLLISION	0	3	$ 306,088

TYPE OF TRACK: MAIN
CLASS OF TRACK: 6
96 METHOD OF OPERATION: INTERLOCKING
CAB SIGNAL
AUTO TRAIN CONTROL
AUTO TRAIN STOP
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
2 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN PIBA 8 MPH
FREIGHT TRAIN TV25 15 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF TV-25 FAILED TO REMAIN STOPPED AT A STOP SIGNAL INDICATION DISPLAYED FOR THEIR TRAIN AND MISTAKENLY ACTED UPON A CLEAR SIGNAL DISPLAYED FOR TRAIN MOVEMENTS ON AN ADJACENT TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	06/28/91	11:05 AM	LOGAN CITY	MO	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
97 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN 17428 53 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

UP	07/01/91	05:00 PM	PEBBLE	ID	DERAILMENT	0	0	$ 710,750

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
98 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 35 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN NPBAT 46 MPH

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED) DUE TO UNSTABLE TRACK STRUCTURE DURING CROSS TIE RENEWAL.

MP	07/01/91	11:00 AM	ST. LOUIS	MO	DERAILMENT	0	0	$ 40,200

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
99 METHOD OF OPERATION: INTERLOCKING
EQUIPMENT DERAILED: 4 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 3500

MOVEMENTS INVOLVED: FREIGHT TRAIN NLA52 5 MPH

PROBABLE CAUSE: EXCESSIVE LATERAL FORCES RESULTING FROM HEAVY TONNAGE AT THE REAR OF THE TRAIN CAUSED EMPTY HOPPER CAR (RAIX 104) TO STRINGLINE A 12-DEGREE CURVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	07/06/91	01:30 PM	LAWRENCE	KS	HIGHWAY-RAIL CROSSING	2	0	$ 300

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
100 METHOD OF OPERATION: AUTOMATIC BLOCK
MOVEMENTS INVOLVED: FREIGHT TRAIN KCNP 40 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CR	07/07/91	11:45 AM	DELTA	OH	HIGHWAY-RAIL CROSSING	2	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
101 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN MAIL8 60 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

BN	07/08/91	01:05 AM	FOUNTAIN CITY	WI	DERAILMENT	0	1	$ 930,800

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
102 METHOD OF OPERATION: AUTOMATIC BLOCK
TRACK WARRANT CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 10442 45 MPH
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
29 CAR(S)

PROBABLE CAUSE: UNDERMINED TRACK ROADBED CAUSED BY WATER TURBULENCE CREATED BY THE PROPELLERS OF A RIVER VESSEL ATTEMPTING TO FREE A GROUNDED BARGE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MP	07/08/91	05:50 PM	TECULA	TX	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
103 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN NLHOZ 40 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

ATK SP	07/09/91	10:10 AM	PRAIRIE VIEW	TX	HIGHWAY-RAIL CROSSING	2	0	$ 1,350

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
104 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: PASSENGER TRAIN 01522 59 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

ATSF	07/14/91	01:50 PM	BOVINA	TX	DERAILMENT	0	0	$ 1,300,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
105 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
22 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 1-199 68 MPH

PROBABLE CAUSE: A BROKEN NUMBER THREE AXLE (GEAR SIDE) ON LOCOMOTIVE ATSF 3823 CAUSED BY A INSUFFICIENT LUBRICATION IN THE SUPPORT BEARING HOUSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	07/14/91	03:20 PM	WALCOTT	WY	DERAILMENT	0	0	$ 535,750

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
106 METHOD OF OPERATION: TRAFFIC CONTROL
CAB SIGNAL
AUTO TRAIN STOP
MOVEMENTS INVOLVED: FREIGHT TRAIN NPYR 40 MPH
EQUIPMENT DERAILED: 21 CAR(S)

PROBABLE CAUSE: UNDETERMINED.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	07/14/91	09:40 PM	DUNSMUIR	CA	DERAILMENT	0	706	$ 279,280

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
107 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN WCEUM 12 MPH
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
7 CAR(S)

PROBABLE CAUSE: EXCESSIVE IN-TRAIN FORCES AS A RESULT OF HIGH TRAILING TONNAGE BEHIND A LONG EMPTY CAR COUPLED TO A SHORT CAR NEAR THE FRONT END OF THE TRAIN WHICH WAS MOVING THROUGH A 14-DEGREE CURVE ON AN ASCENDING GRADE VARYING BETWEEN 0.93 PERCENT AND 2.2 PERCENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	07/15/91	09:15 AM	PITTSBURGH	PA	DERAILMENT	0	0	$ 255,492

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
108 METHOD OF OPERATION: TRAFFIC CONTROL
CAB SIGNAL
AUTO TRAIN STOP
MOVEMENTS INVOLVED: FREIGHT TRAIN ALPI 27 MPH
EQUIPMENT DERAILED: 28 CAR(S)

PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES GENERATED BY AN UNDESIRED BRAKE APPLICATION CAUSED BY THE INTERMEDIATE AIR HOSE BURSTING ON THE 31ST CAR IN THE TRAIN.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BPRR	07/17/91	03:43 AM	BUTLER	PA	DERAILMENT	0	0	$ 81,410

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
109 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 8 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES
MOVEMENTS INVOLVED: FREIGHT TRAIN ZIGZA 18 MPH
NUMBER EVACUATED: 100

PROBABLE CAUSE: WHEEL LIFT CAUSED BY EXCESSIVE SIDE BEARING CLEARANCE ON THE LEADING END OF COVERED HOPPER CAR, ACFX 59026.

ATSF	07/20/91	06:41 AM	HIGGINS	TX	DERAILMENT	0	1	$ 531,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
110 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 4 LOCOMOTIVE(S)
7 CAR(S)
MOVEMENTS INVOLVED: FREIGHT TRAIN 1368 45 MPH

PROBABLE CAUSE: A BROKEN NUMBER FOUR AXLE (GEAR SIDE) ON LOCOMOTIVE ATSF 7413 CAUSED BY INSUFFICIENT LUBRICATION IN THE SUPPORT BEARING HOUSING.

ATK RFP	07/20/91	09:17 AM	WOODBRIDGE	VA	HIGHWAY-RAIL CROSSING	2	0	$ 250

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
111 METHOD OF OPERATION: TRAFFIC CONTROL
CAB SIGNAL
AUTO TRAIN CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE
MOVEMENTS INVOLVED: PASSENGER TRAIN 86 70 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	07/21/91	10:00 AM	JONESBORO	AR	HIGHWAY-RAIL CROSSING	3	0	$ 1,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
112 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN NPMEZ 45 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CR	07/24/91	02:45 AM	MOXAHALA	OH	DERAILMENT	0	0	$ 290,430

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
113 METHOD OF OPERATION: MANUAL BLOCK
EQUIPMENT DERAILED: 28 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN UXC26 30 MPH

PROBABLE CAUSE: BROKEN RAIL (TRANSVERSE FISSURE).

BN	07/25/91	09:45 AM	DOUGLAS	WY	OBSTRUCTION	0	5	$ 536,750

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
114 METHOD OF OPERATION: TRACK WARRANT CONTROL
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
21 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 01592 43 MPH
MOW EQUIPMENT 0 MPH

PROBABLE CAUSE: THE GRADALL OPERATOR FAILED TO ASCERTAIN THAT TRAIN 01593 WEST HAD PASSED BEFORE HE OCCUPIED THE MAIN TRACK WITH HIS EQUIPMENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	07/28/91	12:10 PM	SEA CLIFF	CA	DERAILMENT	0	0	$ 864,410

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
115 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL
AUTOMATIC BLOCK
MOVEMENTS INVOLVED: FREIGHT TRAIN LABAF 56 MPH
EQUIPMENT DERAILED: 14 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 300

PROBABLE CAUSE: BURNED OFF L-2 JOURNAL CAUSED BY A FAILED ROLLER BEARING ON THE TRAILING TRUCK OF FLAT CAR NO. WTTX 157103.

BN	07/30/91	03:49 PM	DOBBIN	TX	HEAD-END COLLISION	0	5	$ 2,568,700

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
116 METHOD OF OPERATION: AUTOMATIC BLOCK
TRACK WARRANT CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 3502 0 MPH
FREIGHT TRAIN 8518 34 MPH
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
19 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 0

PROBABLE CAUSE: THE CREWMEMBERS OF 8518 FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

CONTRIBUTING FACTORS: THE CREWMEMBERS OF 8518 FAILED TO READ AND COMMUNICATE THE RESTRICTION IMPOSED ON THEIR TRAIN, AND OCCUPIED THE MAIN TRACK WITHOUT AUTHORITY. THE CREWMEMBERS OF 3502 FAILED TO STOP AND REPORT A CHANGE IN SIGNAL INDICATION FOR THEIR TRAIN.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	07/31/91	01:40 AM	EVANSVILLE	IN	DERAILMENT	0	0	$ 46,500

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
117 METHOD OF OPERATION: YARD RULES
EQUIPMENT DERAILED: 4 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES
MOVEMENTS INVOLVED: FREIGHT TRAIN Y301 7 MPH
NUMBER EVACUATED: 70

PROBABLE CAUSE: IMPROPER TRACK PROFILE (9 INCHES DEVIATION FROM UNIFORM PROFILE).

ATK CSX	07/31/91	05:01 AM	LUGOFF	SC	DERAILMENT	8	31	$ 3,036,756

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
118 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 8 CAR(S)
MOVEMENTS INVOLVED: PASSENGER TRAIN P082 81 MPH

PROBABLE CAUSE: THE SWITCH POINTS MOVED FROM THEIR NORMAL POSITION, UNDER TRAIN MOVEMENT, BECAUSE THE CONNECTING ROD BETWEEN THE SWITCH POINTS AND THE SWITCH STAND WAS NOT SECURED AS DESIGNED.

CR	08/05/91	06:30 AM	BRONX	NY	DERAILMENT	0	0	$ 15,200

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
119 METHOD OF OPERATION: YARD RULES
EQUIPMENT DERAILED: 6 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES
MOVEMENTS INVOLVED: YARD/SWITCHING SEOP4 8 MPH
NUMBER EVACUATED: 17

PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES DUE TO IMPROPER USE OF AUTOMATIC BRAKE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
IC	08/05/91	12:30 PM	BURNSIDE	LA	REAR-END COLLISION	0	1	$ 66,750

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
120 METHOD OF OPERATION: AUTOMATIC BLOCK
YARD LIMITS
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
1 CAR(S)

MOVEMENTS INVOLVED: CUT OF CARS 0 MPH
LIGHT LOCO(S) GOME5 20 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF GOME 5 FAILED TO OPERATE THE LIGHT LOCOMOTIVE CONSIST IN ACCORDANCE WITH A RESTRICTED PROCEED SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	08/07/91	08:10 PM	CHARLEROI	PA	DERAILMENT	0	0	$ 735,439

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
121 METHOD OF OPERATION: MANUAL BLOCK
EQUIPMENT DERAILED: 36 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN UNS1 30 MPH

PROBABLE CAUSE: A LOOSE WHEEL ON HOPPER CAR SOM 236.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	08/07/91	11:50 PM	GALESBURG	IL	HIGHWAY-RAIL CROSSING	2	0	$ 1,134

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
122 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN Z891 70 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE DRIVER FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	08/10/91	12:58 PM	CONTINENTAL	OH	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
123 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: PASSENGER TRAIN 955L3 60 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERTOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

ATSF	08/16/91	08:45 AM	LUDLOW	CA	DERAILMENT	0	0	$ 226,940

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
124 METHOD OF OPERATION: AUTOMATIC BLOCK
TRACK WARRANT CONTROL
EQUIPMENT DERAILED: 10 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN CHLAI 34 MPH

PROBABLE CAUSE: RESTRICTED MOVEMENT OF THE ARTICULATED CONNECTORS ON FIVE-PACK CAR DTTX 72426 CREATED HIGH LATERAL FORCES CAUSING THE LOW RAIL TO ROLL OUT.

CONTRIBUTING FACTORS: INSUFFICIENT LUBRICATION IN THE MATING SURFACES OF THE ARTICULATING CONNECTOR.

BN	08/18/91	12:30 PM	SPRAGUE	WA	DERAILMENT	1	4	$ 3,846,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
125 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)
74 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 01121 78 MPH

HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 4

PROBABLE CAUSE: THE INTERFERENCE WITH THE TRAIN'S AIR BRAKE SYSTEM, BY A NON-RAILROAD EMPLOYEE, CAUSED THE BRAKES TO IMPROPERLY FUNCTION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MNCW	08/19/91	02:12 PM	EASTCHESTER	NY	OTHER	1	2	$ 30,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
126 METHOD OF OPERATION: TRAFFIC CONTROL
CAB SIGNAL
AUTO TRAIN CONTROL
EQUIPMENT DERAILED: NONE

MOVEMENTS INVOLVED: PASSENGER TRAIN 536 60 MPH

PROBABLE CAUSE: HIGH WINDS CAUSED A LARGE TREE TO FALL AND PENETRATE THE CONTROL COMPARTMENT OF THE LEAD MU CAR INFLICTING FATAL INJURIES TO THE ASSISTANT CONDUCTOR.

BN	08/24/91	11:15 AM	SPOKANE	WA	DERAILMENT	0	0	$ 274,673

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
127 METHOD OF OPERATION: AUTOMATIC BLOCK
TIME TABLE
EQUIPMENT DERAILED: 5 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 01004 20 MPH

PROBABLE CAUSE: RESTRICTED MOVEMENT ON THE ARTICULATED CONNECTORS ON FIVE-PACK CAR DTTX 72782 CREATED HIGH LATERAL FORCES CAUSING THE LOW RAIL TO ROLL OUT.

CSX	08/26/91	03:15 PM	GLADSTONE	VA	OBSTRUCTION	0	6	$ 95,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
128 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE

MOVEMENTS INVOLVED: FREIGHT TRAIN T573 40 MPH
MOW EQUIPMENT 6G23 0 MPH

PROBABLE CAUSE: THE DISPATCHER FAILED TO PROVIDE PROPER PROTECTION FOR MAINTENANCE OF WAY EQUIPMENT THAT HAD RECEIVED PRIOR PERMISSION TO OCCUPY THE MAIN TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	08/28/91	07:52 AM	BUCKLIN	MO	DERAILMENT	0	0	$ 691,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
129 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 30 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES
NUMBER EVACUATED: 15

MOVEMENTS INVOLVED: FREIGHT TRAIN 7832 45 MPH

PROBABLE CAUSE: UNDETERMINED.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	08/30/91	05:50 PM	FOWLER	MT	HEAD-END COLLISION	3	5	$ 1,071,300

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
130 METHOD OF OPERATION: TRACK WARRANT CONTROL
EQUIPMENT DERAILED: 9 LOCOMOTIVE(S)
31 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 60230 18 MPH
FREIGHT TRAIN 60329 35 MPH

PROBABLE CAUSE: BN TRAIN 60329 OCCUPIED THE MAIN TRACK WITHOUT AUTHORITY DUE TO THE DISPATCHER'S FAILURE TO CORRECTLY NAME THE STATION LIMITING THE TRAIN'S WESTWARD MOVEMENT AUTHORITY AFTER IT WAS INCORRECTLY REPEATED BY THE CONDUCTOR.

CONTRIBUTING FACTORS: THE FAILURE OF THE CREWMEMBERS OF BN 60329 TO ADVISE THE DISPATCHER THAT THEY DID NOT UNDERSTAND THE NAME OF THE LIMITING STATION. INSTEAD, THEY RELIED SOLELY ON THE DISPATCHER TO CORRECT THE STATION NAME AFTER THE CONDUCTOR REPEATED THE TRACK WARRANT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	09/05/91	02:35 PM	SMYRNA	GA	OBSTRUCTION	0	0	$ 14,100

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
131 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE

MOVEMENTS INVOLVED: FREIGHT TRAIN E880 35 MPH
MOW EQUIPMENT 75083 0 MPH

PROBABLE CAUSE: THE WELDER FAILED TO DETERMINE THAT A TRAIN HAD CLEARED HIS WORK LIMITS BEFORE OCCUPYING THE MAIN TRACK WITH A WELDING TRUCK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	09/07/91	05:15 PM	GIBBS	MO	HIGHWAY-RAIL CROSSING	3	1	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
132 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 217JJ 54 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

SP	09/17/91	02:05 PM	MERRILL	OR	DERAILMENT	1	3	$ 1,969,500

TYPE OF TRACK: SIDING
CLASS OF TRACK: 3
133 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN EUGJM 40 MPH
EQUIPMENT DERAILED: 4 LOCOMOTIVE(S)
23 CAR(S)

PROBABLE CAUSE: THE MAIN TRACK SWITCH WAS IMPROPERLY ALIGNED BY AN UNKNOWN PERSON OR PERSONS PRIOR TO THE TRAIN'S ARRIVAL.

NS	09/17/91	08:00 AM	KNOX	IN	HEAD-END COLLISION	1	5	$ 2,972,300

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
134 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 629L4 26 MPH
FREIGHT TRAIN 277L4 UNK MPH
EQUIPMENT DERAILED: 4 LOCOMOTIVE(S)
6 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 20

PROBABLE CAUSE: THE CREWMEMBERS OF NS 277L4 FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
YVRR	09/19/91	01:30 PM	MT. AIRY	NC	SIDE COLLISION	0	0	$ 14,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
135 METHOD OF OPERATION: MANUAL BLOCK

MOVEMENTS INVOLVED: CUT OF CARS UNK MPH
FREIGHT TRAIN 203 0 MPH

EQUIPMENT DERAILED: 1 CAR(S)

PROBABLE CAUSE: THE FAILURE OF THE YVRR CREWMEMBERS TO PROPERLY SECURE A CONSIST OF THREE TANK CARS ON A DESCENDING GRADE, ALLOWED THE CARS TO ROLL FREE AND STRIKE THE LOCOMOTIVE OF THEIR STANDING TRAIN.

UP	09/21/91	07:28 AM	QUEEN CITY	TX	SIDE COLLISION	0	2	$ 87,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
136 METHOD OF OPERATION: TRAFFIC CONTROL

MOVEMENTS INVOLVED: FREIGHT TRAIN FWNL 0 MPH
FREIGHT TRAIN SHNL 30 MPH

EQUIPMENT DERAILED: 1 CAR(S)

PROBABLE CAUSE: FALSE PROCEED SIGNAL INDICATION CAUSED BY AN IMPROPERLY INSTALLED 20-A/T TRACK CIRCUIT.

GTW	09/26/91	02:30 PM	LINDEN	MI	HIGHWAY-RAIL CROSSING	3	0	$ 1,142

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
137 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN 613 55 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR CSX	09/28/91	02:05 AM	WAYNE	MI	OBSTRUCTION	0	3	$ 374,768

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
138 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
7 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN CHDJ7 37 MPH
FREIGHT TRAIN R397 0 MPH

PROBABLE CAUSE: THE CONRAIL DISPATCHER DID NOT TAKE THE REQUIRED ACTION TO PROTECT TRAIN MOVEMENTS ON THE CR MAIN TRACK AFTER BEING NOTIFIED BY A CSXT R397 CREWMEMBER THAT DERAILED EQUIPMENT FROM R397 FOULED THE CR MAIN TRACK.

CNW UP	09/28/91	01:20 AM	GIBBON	NE	HIGHWAY-RAIL CROSSING	4	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
139 METHOD OF OPERATION: AUTOMATIC BLOCK
CAB SIGNAL
AUTO TRAIN STOP
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: PASSENGER TRAIN SSMFR 68 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING CNW SPECIAL PASSENGER TRAIN SSMFR AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.15 PERCENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NS	09/30/91	11:14 AM	ROME	GA	DERAILMENT	0	0	$ 146,300

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
140 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 11 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN Q16G1 36 MPH

PROBABLE CAUSE: WHILE PERFORMING REPAIR AND MAINTENANCE, THE SIGNALMAN INTERFERED WITH THE NORMAL FUNCTIONING OF A POWER SWITCH, WITHOUT FIRST TAKING MEASURES TO PROVIDE FOR SAFETY OF TRAIN OPERATIONS.

DRGW	09/30/91	04:00 AM	PINECLIFFE	CO	DERAILMENT	2	2	$ 1,104,920

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
141 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 10 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN GJDVM 25 MPH

PROBABLE CAUSE: A ROCK SLIDE FOULED THE TRACK STRUCTURE.

UP	10/02/91	09:40 AM	VIRGILIA	CA	DERAILMENT	0	0	$ 131,400

TYPE OF TRACK: SIDING
CLASS OF TRACK: 2
142 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 11 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 9244 15 MPH

PROBABLE CAUSE: EXCESSIVE LATERAL FORCES GENERATED BY STIFF TRUCKS ON TWO CARS CAUSED THE LOW RAIL ON A TEN-DEGREE CURVE TO CANT OUTWARD, ALLOWING THE WHEELS TO DROP WITHIN THE GAGE OF THE TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
WC	10/15/91	12:40 AM	SHERIDAN	WI	HIGHWAY-RAIL CROSSING	4	1	$ 220

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
143 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: LIGHT LOCO(S) L021 50 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO ONCOMING LOCOMOTIVES AT A HIGHWAY-RAIL GRADE CROSSING.

CSX	10/16/91	05:37 PM	GRANITE	TN	HIGHWAY-RAIL CROSSING	3	0	$ 500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
144 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN R142 56 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.29 PERCENT.

UP	10/17/91	08:10 AM	COLBERT	OK	HIGHWAY-RAIL CROSSING	3	0	$ 500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
145 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN NPH02 50 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	10/18/91	02:05 AM	CANBY	WA	DERAILMENT	0	0	$ 568,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
146 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 1 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN 01006 45 MPH

PROBABLE CAUSE: RESTRICTED MOVEMENT ON THE ARTICULATED CONNECTORS ON FIVE-PACK CAR DTTX 73244 CREATED HIGH LATERAL FORCES CAUSING THE LOW RAIL TO ROLL OUT.

PAL	10/25/91	10:50 PM	CECILIA	KY	HIGHWAY-RAIL CROSSING	3	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
147 METHOD OF OPERATION: AUTOMATIC BLOCK
TRACK PERMIT CONTROL
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN 8324 30 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.07 PERCENT.

UP	11/05/91	05:50 PM	PLEASANT GROVE	UT	HIGHWAY-RAIL CROSSING	1	0	$ 75

TYPE OF TRACK: MAIN
CLASS OF TRACK: 2
148 METHOD OF OPERATION: YARD LIMITS
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: SINGLE CAR UNK MPH

PROBABLE CAUSE: THE FAILURE OF THE CREW OF YPU-52 TO PROPERLY SECURE A SINGLE CAR ON A DESCENDING GRADE ALLOWED THE CAR TO ROLL FREE AND SUBSEQUENTLY STRIKE A MOTOR VEHICLE AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: THE UNCONTROLLED MOVEMENT OF THE SINGLE CAR DURING THE HOURS OF DARKNESS DID NOT PROVIDE ADEQUATE WARNING TO THE MOTOR VEHICLE OPERATOR.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	11/06/91	02:56 AM	LASALLE	CO	HEAD-END COLLISION	0	1	$ 345,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
149 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: LIGHT LOCO(S) 40 MPH
FREIGHT TRAIN DENP 0 MPH
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)

PROBABLE CAUSE: THE FAILURE OF THE ENGINEER TO PROPERLY SECURE A CONSIST OF FOUR LIGHT LOCOMOTIVES ON A DESCENDING GRADE ALLOWED THE LOCOMOTIVES TO ROLL FREE AND SUBSEQUENTLY COLLIDE WITH A STANDING TRAIN .

CONTRIBUTING FACTORS: THE POSSIBLE IMPAIRMENT OF THE ENGINEER'S EFFICIENCY AND JUDGEMENT BECAUSE OF DRUGS.

CSX	11/06/91	12:10 AM	TAFT	FL	HIGHWAY-RAIL CROSSING	3	0	$ 3,100

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
150 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 0758 40 MPH
EQUIPMENT DERAILED: NONE
WARNING DEVICE: ACTIVE

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

LI	11/18/91	12:35 PM	QUEENS	NY	SIDE COLLISION	0	2	$ 71,281

TYPE OF TRACK: MAIN
CLASS OF TRACK: 1
151 METHOD OF OPERATION: INTERLOCKING
CAB SIGNAL
AUTO TRAIN CONTROL
MOVEMENTS INVOLVED: PASSENGER TRAIN 1398 4 MPH
PASSENGER TRAIN 139 12 MPH
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)

PROBABLE CAUSE: THE BRAKEMAN CONTROLLING THE SHOVING MOVE FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	11/19/91	12:15 PM	SHEPHERDSVILLE	KY	DERAILMENT	0	0	$ 1,938,917

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
152 METHOD OF OPERATION: AUTOMATIC BLOCK
TIME TABLE
EQUIPMENT DERAILED: 27 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 3000

MOVEMENTS INVOLVED: FREIGHT TRAIN R526 49 MPH

PROBABLE CAUSE: TRACK MISALIGNMENT ON THE OVERGRADE RAILROAD BRIDGE RESULTING FROM A SEVERE IMPACT BY A HIGHWAY TRASH COMPACTOR TYPE TRUCK PASSING BELOW JUST PRIOR TO THE TRAIN'S ARRIVAL.

SP	11/19/91	04:06 AM	FRINK	CA	SIDE COLLISION	0	0	$ 57,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 5
153 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
1 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN LACHX 6 MPH
FREIGHT TRAIN MBSMF 23 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF MBSMF FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

SP	11/22/91	07:28 AM	HARRISBURG	OR	SIDE COLLISION	0	1	$ 3,177,900

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
154 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 5 LOCOMOTIVE(S)
14 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN BNEUM 47 MPH
FREIGHT TRAIN 35356 16 MPH

PROBABLE CAUSE: THE CREWMEMBERS OF SP BNEUM FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

CONTRIBUTING FACTORS: THE ENGINEER OF SP BNEUM STATED HE HAD FALLEN ASLEEP PRIOR TO IMPACT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	11/22/91	05:30 AM	THOMPSON FALLS	MT	DERAILMENT	0	0	$ 409,000

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
155 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 01197 42 MPH
EQUIPMENT DERAILED: 22 CAR(S)

PROBABLE CAUSE: A SECTION OF "Z" BAR FLOOR SUPPORT MATERIAL FROM GONDOLA CAR ATSF 70323 FELL WITHIN THE GAGE OF THE TRACK CAUSING THE LEAD WHEELS OF THE CAR TO DERAIL.

BN SOO	11/22/91	01:55 PM	ST. PAUL	MN	SIDE COLLISION	0	1	$ 470,950

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
156 METHOD OF OPERATION: TRAFFIC CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 87RC2 30 MPH
FREIGHT TRAIN 201 30 MPH
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
12 CAR(S)

PROBABLE CAUSE: THE CREWMEMBERS OF BN 87RC FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH APPROACH AND STOP SIGNAL INDICATIONS.

SP	11/29/91	05:15 AM	BAKERSFIELD	CA	HEAD-END COLLISION	0	3	$ 413,757

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
157 METHOD OF OPERATION: AUTOMATIC BLOCK
TIME TABLE
MOVEMENTS INVOLVED: LIGHT LOCO(S) WR51 0 MPH
FREIGHT TRAIN PTLAF 30 MPH
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
6 CAR(S)

PROBABLE CAUSE: THE DISPATCHER FAILED TO PROVIDE REQUIRED PROTECTION FOR LIGHT LOCOMOTIVES.

CONTRIBUTING FACTORS: FAILURE OF THE CREWMEMBERS OF PTLAF TO OPERATE THE TRAIN AT RESTRICTED SPEED.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	12/15/91	04:30 PM	CONWAY	AR	HIGHWAY-RAIL CROSSING	4	0	$ 500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
158 METHOD OF OPERATION: TRACK WARRANT CONTROL
AUTOMATIC BLOCK
EQUIPMENT DERAILED: NONE
WARNING DEVICE: PASSIVE

MOVEMENTS INVOLVED: FREIGHT TRAIN CNWNA 50 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT HIGHWAY-RAIL GRADE CROSSING.

UP DRGW	12/16/91	10:45 PM	PROVO	UT	OTHER	0	4	$ 163,000

TYPE OF TRACK: YARD
CLASS OF TRACK: 1
159 METHOD OF OPERATION: YARD RULES
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)
7 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN OMIGV 0 MPH
FREIGHT TRAIN ACMOC 8 MPH

PROBABLE CAUSE: CREWMEMBERS OF DRGW TRAIN ACMOC FAILED TO PROVIDE PROTECTION FOR A SHOVING MOVE ON NO. 1 YARD TRACK.

CONTRIBUTING FACTORS: CREWMEMBERS OF UP TRAIN OMIGV OCCUPIED NO. 1 YARD TRACK WITHOUT THE REQUIRED PERMISSION FROM THE YARDMASTER.

ATK CSX	12/17/91	11:25 AM	PALATKA	FL	DERAILMENT	0	0	$ 0

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
160 METHOD OF OPERATION: TRAFFIC CONTROL
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)
6 CAR(S)

MOVEMENTS INVOLVED: PASSENGER TRAIN PO87 72 MPH

PROBABLE CAUSE: THE OPERATING CREWMEMBERS OF ATK PASSENGER TRAIN PO 87 FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH A 30 MPH PERMANENT SPEED RESTRICTION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	12/20/91	12:21 AM	COTTON DALE	FL	SIDE COLLISION	0	0	$ 817,050

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
161 METHOD OF OPERATION: DIRECT TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN R602 28 MPH
CUT OF CARS 0 MPH
EQUIPMENT DERAILED: 5 LOCOMOTIVE(S)
8 CAR(S)

PROBABLE CAUSE: A CUT OF IMPROPERLY SECURED CARS TRAILED THROUGH A SIDING SWITCH AND STOPPED, FOULING THE MAIN TRACK.

BN	12/23/91	12:30 AM	EVERETT	WA	DERAILMENT	0	0	$ 352,454

TYPE OF TRACK: MAIN
CLASS OF TRACK: 4
162 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 1-643 3 MPH
EQUIPMENT DERAILED: 7 LOCOMOTIVE(S)
11 CAR(S)
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 100

PROBABLE CAUSE: BURNED OFF R-4 JOURNAL CAUSED BY A FAILED ROLLER BEARING ON THE LEAD TRUCK OF TANK CAR NO. PROX 81814.

CONTRIBUTING FACTORS: THE CREWMEMBERS OF BN TRAIN 1-643 FAILED TO SET OUT TANK CAR PROX 81814, AS REQUIRED BY CARRIER GENERAL ORDER NO. 32, AFTER A TRACKSIDE WARNING DETECTOR INDICATED AN OVERHEATED JOURNAL ON THE CAR.

BN	12/24/91	04:05 AM	SPOKANE	WA	DERAILMENT	0	0	$ 472,800

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
163 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 01101 24 MPH
EQUIPMENT DERAILED: 18 CAR(S)

PROBABLE CAUSE: BROKEN FIELD WELD ON THE LOW RAIL OF A 5-DEGREE 42-MINUTE CURVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
GWWR	12/30/91	01:55 AM	BATES CITY	MO	DERAILMENT	0	0	$ 236,500

TYPE OF TRACK: MAIN
CLASS OF TRACK: 3
164 METHOD OF OPERATION: TRACK WARRANT CONTROL
MOVEMENTS INVOLVED: FREIGHT TRAIN 33230 27 MPH
EQUIPMENT DERAILED: 15 CAR(S)

PROBABLE CAUSE: BROKEN RAIL (ORDINARY BREAK).

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