



U.S. Department
of Transportation

**Federal Railroad
Administration**

Summary of Accidents Investigated By The Federal Railroad Administration Calendar Year 1990

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 1990 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 240 railroad accidents.

This summary provides the following information:

- o the railroad(s) involved
- o the location and the time of the accident
- o the type of railroad accident
- o the method of operation and movements involved
- o the speed involved
- o the number of casualties
- o the estimated cost of railroad damages
- o 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 Administration
Office of Safety, RRS-22
400 Seventh Street, S.W.
Washington, D.C. 20590

ACCIDENT SUMMARY

1. Accidents Investigated

During Calendar Year 1990, the Federal Railroad Administration investigated and determined the probable cause of 240 railroad accidents.

2. <u>Type of Accident</u>	<u>No.</u>	<u>Percent</u>
(a) Derailment	89	37.0
(b) Head-End Collision	9	3.7
(c) Rear-End Collision	10	4.1
(d) Side Collision	8	3.3
(e) Highway-Rail Crossing	102	42.3
(f) Railroad Grade Crossing	1	.4
(g) Obstruction	9	3.8
(h) Other	<u>13</u>	<u>5.4</u>
Total	240	100.0

3. Casualties

	<u>No.</u>
(a) Killed	226
(b) Injured	<u>1017</u>
Total	1243

ACCIDENT TYPE	TOTAL
01 DERAILMENT	89
02 HEAD ON COLLISION	9
03 REAR END COLLISION	10
04 SIDE COLLISION	8
07 HIGHWAY-RAIL GRADE CROSSING	102
08 RR GRADE CROSSING	1
09 OBSTRUCTION	8
13 OTHER	13
	TOTAL 240

	COLLI SION	DERAIL MENT	OTHER	HIGHWAY-RAIL COLLISION	TOTAL ACCID
ATLANTIC AND EAST CAROLINA RAILWAY	0	0	0	1	1
ALABAMA GREAT SOUTHERN	0	0	0	4	4
ALASKA RAILROAD CORPORATION	0	1	0	0	1
AMTRAK (NATIONAL RR PASSENGER CORP)	3	5	7	18	33
ATCHISON, TOPEKA AND SANTA FE	2	6	1	4	13
BANGOR AND AROOSTOOK RAILROAD	0	1	0	1	2
BESSEMER AND LAKE ERIE	0	1	0	0	1
BURLINGTON NORTHERN	7	14	4	11	36
BUFFALO AND PITTSBURGH	0	1	0	0	1
BELT RAILWAY COMPANY OF CHICAGO	1	0	0	0	1
CONNECTICUT CENTRAL RAILROAD	0	0	0	1	1
CHICAGO AND NORTH WESTERN	3	0	0	1	4
CANADIAN PACIFIC RAILWAY	0	1	0	0	1
CONSOLIDATED RAIL CORPORATION	2	4	4	8	18
CSX TRANSPORTATION	4	8	1	13	26
CENTRAL VERMONT RAILWAY, INC.	0	1	0	0	1
DENVER AND RIO GRANDE WESTERN	0	1	0	0	1
GEORGIA SOUTHERN AND FLORIDA	0	0	0	1	1
GRAND TRUNK WESTERN RAILROAD	1	0	0	1	2
HOUSTON BELT AND TERMINAL	1	0	0	0	1
IOWA INTERSTATE RAILROAD	0	1	0	0	1
ILLINOIS CENTRAL RAILROAD	1	2	0	2	5
LONG ISLAND RAIL ROAD	0	2	0	1	3
MARYLAND DEPARTMENT OF TRANS	1	0	0	0	1
METRO NORTH COMMUTER	0	0	0	1	1
MISSOURI PACIFIC	2	5	0	3	10
MONTANA RAIL LINK	0	3	2	1	6
MIDSOUTH RAIL CORPORATION	0	1	0	0	1
NORTHEAST ILLINOIS REGIONAL	0	1	0	0	1
NEW JERSEY TRANSIT RAIL	0	1	1	0	2
NORFOLK AND WESTERN	0	0	0	8	8
NEW YORK, SUSQUEHANNA AND WESTERN	0	0	1	0	1
PROVIDENCE AND WORCHESTER	0	1	0	0	1
RICHMOND, FREDERICKSBURG AND POTOMAC	0	1	0	0	1
SOUTHEASTERN PENNSYLVANIA TRANS.	0	1	0	0	1
ST. JOHN'S RIVER TERMINAL	2	0	0	0	2
SOO LINE RAILROAD	3	0	0	2	5
SOUTHERN RAILWAY	1	2	0	4	7
SOUTHERN PACIFIC TRANSPORTATION	1	9	2	11	23
SOUTHRAIL CORPORATION	0	1	0	0	1
ST. LOUIS SOUTHWESTERN	0	1	0	3	4
SPRINGFIELD TERMINAL RAILWAY	0	2	0	0	2
THREE COUNTY COMMUTER RAIL	0	0	0	1	1
TEXAS MEXICAN RAILWAY	0	1	0	0	1
TERMINAL RAILROAD ASSOCIATION	0	3	0	0	3
UNION PACIFIC RAILROAD	3	12	4	16	35
WISCONSIN CENTRAL	0	1	0	0	1
TOTAL	38	95	27	117	277

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....	DATE	PAGE	
1	NW	HIGBY	39	01/04/90	1
2	UP	TROUP	48	01/05/90	1
3	MP	VANDERBILT	48	01/08/90	2
4	BN	MILFORD	31	01/10/90	2
7	CR	ARCHBOLD	39	01/11/90	3
5	SP	STRANG	48	01/11/90	2
6	ATSF	MAZON TOWNSHIP	17	01/11/90	3
9	ATK BN	WEST QUINCY	17	01/14/90	4
8	MP HBT	HOUSTON	48	01/14/90	3
10	LI	MINEOLA	36	01/16/90	4
11	CSX	FAIR OAKS	18	01/17/90	5
12	BN	SOUTH SEATTLE	53	01/18/90	5
13	ATK	JACKSON	26	01/19/90	5
14	CSX	PARKWOOD	01	01/22/90	6
15	BN	TASCOSA	48	01/22/90	6
16	ATK	SCHODACK LANDING	36	01/27/90	6
17	CNW	McHENRY	17	01/27/90	7
18	UP	KELSO	06	01/28/90	7
19	ATK CSX	TAMPA	12	01/29/90	7
21	BN	FORDLAND	29	01/30/90	8
20	SP	ELK GROVE	06	01/30/90	8
22	ATK	CHASE	24	02/01/90	8
23	ATK UP	RUSSELL	05	02/04/90	9
24	UP	DELTA	49	02/05/90	9
25	SOO	WATSEKA	17	02/06/90	10
26	ATK	WALTHAM	25	02/07/90	10
27	CR CNW	CHICAGO	17	02/09/90	10
28	UP	PAGE	53	02/09/90	11
29	ATSF	TEMPLE	48	02/09/90	11
31	MRL	EVARO	30	02/14/90	12
30	ST	WINN	23	02/14/90	11
32	CSX	CHARLOTTE	37	02/15/90	12
33	BN	ELMHOUSE	48	02/17/90	13
34	IC BRC GTW	CHICAGO	17	02/18/90	13
35	BN	CUMMINGS	38	02/20/90	14

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
36	BN	DESOTA	55	02/20/90	14
37	AEC	KINSTON	37	02/21/90	14
38	BN	KOOTENAI FALLS	30	02/24/90	15
39	CR	VERSAILLES	39	02/25/90	15
40	BN	HERRIN	17	02/26/90	16
41	BN	IRONDALE	08	02/28/90	16
43	SSW MP	NELSON	29	03/01/90	17
42	CSX	STEVENSVILLE	26	03/01/90	16
46	NW	UNION TOWNSHIP	39	03/02/90	18
45	GSF	MINEOLA	13	03/02/90	17
44	BN	LUDLOW	08	03/02/90	17
47	MP	TEXARKANA	05	03/06/90	18
48	CSX	HAMMOND	18	03/09/90	18
49	ATK CR	CANTON TOWNSHIP	26	03/11/90	19
50	ATK CR	BUCYRUS	39	03/12/90	19
52	ATK CSX	ROCKY MOUNT	37	03/13/90	20
51	CR	ANN ARBOR	26	03/13/90	19
53	MP	CALDWELL	20	03/16/90	20
54	CSX	MILAN	47	03/17/90	21
56	LI	LONG ISLAND CITY	36	03/19/90	21
55	SSW	KANSAS CITY	20	03/19/90	21
57	MNCW	NORWALK	09	03/20/90	22
58	ATK	WANATAH	18	03/23/90	22
60	ATK	CHICAGO	17	03/24/90	23
59	SP	MALLIE	48	03/24/90	22
61	SP	PEREZ	06	03/25/90	23
62	LI	HOLTSVILLE	36	03/28/90	23
63	SP	EUGENE	41	03/29/90	24
65	BN	MONROE	48	03/30/90	24
64	UP	OMAHA	31	03/30/90	24
66	NW	FORT GAY	54	04/01/90	25
67	UP	NORTH PLATTE	31	04/06/90	25
68	MSRC	MORTON	28	04/07/90	25
69	SOU	SALISBURY	37	04/08/90	26
72	NJTR	WESTFIELD	34	04/13/90	27

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
71	UP	PAYETTE	16	04/13/90	26
70	MP	JEFFERSON CITY	29	04/13/90	26
73	IC	MEMPHIS	47	04/19/90	27
74	SP	TIMPSON	48	04/21/90	28
75	ATSF	MOUNTAINAIR	35	04/21/90	28
77	BPRR	CRAIGSVILLE	42	04/22/90	29
76	VRR	ESSEX	09	04/22/90	29
78	ATK BN	BATAVIA	19	04/23/90	29
79	ATSF	PEDERNAL	35	04/25/90	30
80	MRL	QUEBEC	30	04/25/90	30
82	CSX	PEE DEE	37	04/28/90	31
81	CSX	MCCOOL	18	04/28/90	31
84	SP	KINTER	04	04/29/90	32
83	BN MRL	SPOKANE	53	04/29/90	31
85	UP	OMAHA	31	05/02/90	32
86	ATK CR	CRAWFORDSVILLE	18	05/02/90	32
87	ATK IC	DURANT	28	05/03/90	33
88	BN	MARSHLAND	31	05/04/90	33
89	MP	PLUM	48	05/04/90	33
91	MP	LAMINE	29	05/06/90	34
90	ATK CSX	BROOKSTON	18	05/06/90	34
93	CR ATK	MIDDLE RIVER	24	05/07/90	35
92	WC	MACKVILLE	55	05/07/90	34
94	BN	VERNON	48	05/12/90	35
95	UP	NAMPA	16	05/17/90	36
96	SSW	EDMONSON	05	05/22/90	36
98	IC	COVINGTON	47	05/24/90	37
97	DRGW MP	BUSHTON	20	05/24/90	37
99	ARR	DUNBAR	02	05/28/90	37
100	CSX	SHELBY	18	05/31/90	38
101	AGS	LIPSCOMB	01	05/31/90	38
102	ATK CSX	PLEASANT RIDGE	18	05/31/90	39
103	SOO BN	ST CROIX	27	06/02/90	39
104	UP	STOCKTON	06	06/02/90	40
105	ST	KENNEBUNK	23	06/03/90	40

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
106	TRRA	ST LOUIS	29	06/04/90	40
107	AGS	MOUNDVILLE	01	06/06/90	41
108	BN	LAMONA	53	06/08/90	41
109	BN	SENECA	31	06/11/90	41
110	UP	DILLEY	48	06/12/90	42
111	CR	FAIRHOPE	39	06/14/90	42
113	SP	ANACACHO	48	06/16/90	43
112	BN	FENTON	17	06/16/90	42
114	CSX	BROWNSVILLE	47	06/19/90	43
115	AGS	ELLISVILLE	28	06/20/90	43
116	SOU	CHOCOLOCCO	01	06/27/90	44
117	SOO	SABULA	17	06/27/90	44
119	CSX	CARLISLE	39	06/28/90	45
118	CR	REDDICK	17	06/28/90	45
121	ATK	PHILADELPHIA	42	06/29/90	46
122	NW	CHESAPEAKE	51	06/29/90	46
120	ATK IC	LOCKPORT	17	06/29/90	45
123	BAR	EAGLE LAKE	23	07/01/90	47
124	UP	NORTH LAS VEGAS	32	07/03/90	47
125	ATK AGS	MERIDIAN	28	07/05/90	47
127	TM	REALITOS	48	07/06/90	48
126	SP	DUSON	22	07/06/90	48
128	NW	CONGERVILLE	17	07/08/90	48
129	UP	JULIAN	31	07/08/90	49
131	UP	ROCK SPRINGS	56	07/09/90	50
130	ATK SOU	CALVERTON	51	07/09/90	49
132	SP	KEITHVILLE	22	07/11/90	50
133	ATSF	AMARILLO	48	07/14/90	50
134	ATSF	PROGRESS	48	07/16/90	51
135	BN	FALLS CITY	31	07/17/90	51
136	SP	SAPAR	35	07/19/90	52
137	BN	RENO	56	07/21/90	52
139	CPVM	BARTON	50	07/24/90	53
138	UP	DEXTER	29	07/24/90	53
140	UP	CAJON	06	07/25/90	53

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....	DATE	PAGE	
141	UP	CLEAR CREEK JUNCTION	06	07/30/90	54
142	BN	GRETNA	31	07/31/90	54
143	UP	ST LOUIS	29	08/01/90	54
144	NW	STAUNTON	17	08/03/90	55
146	UP	DOLLVILLE	17	08/04/90	55
145	SP	DRYDEN	48	08/04/90	55
147	CSX	VONORE	47	08/05/90	56
148	MRL	LIVINGSTON	30	08/05/90	56
149	UP TRRA	ST LOUIS	29	08/05/90	57
150	UP	THORTON	06	08/05/90	57
151	SP	TUCSON	04	08/05/90	57
153	UP	RED BUTTES	56	08/07/90	58
152	CV	SHARON	50	08/07/90	58
155	SOU	SUGAR VALLEY	13	08/09/90	59
154	SOU	HARRISBURG	37	08/09/90	59
156	NW	SUTHERLAND	51	08/11/90	60
157	UP	MERKEL	48	08/13/90	60
158	UP	GALVESTON	48	08/16/90	61
159	CR	FRANKLINVILLE	36	08/18/90	61
160	ATK	WINSLOW	34	08/19/90	62
161	TCRO	HIALEAH	12	08/20/90	62
162	ATK CSX	MONON	18	08/23/90	62
163	CR	KEATING	42	08/25/90	63
164	SP	DELANO	06	08/25/90	63
165	BLE	CONNEAUT	39	08/28/90	63
166	CR	LATROBE	42	08/29/90	64
167	UP	KEMMERER	56	08/31/90	64
168	ATSF	CAJON	06	09/06/90	64
169	UP	DUDLEY	29	09/07/90	65
170	SP UP	PICO RIVERA	06	09/09/90	65
171	BN	NEWBY	48	09/10/90	65
172	SR	CORINTH	28	09/12/90	66
173	CSX	BELTSVILLE	24	09/13/90	66
174	BN	FONTANA	20	09/15/90	67
175	UP	CHIDESTER	05	09/17/90	67

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....	DATE	PAGE	
176	ATK MDT	BALTIMORE	24	09/21/90	67
177	CNW	WADSWORTH	17	09/22/90	68
178	CSX	SHAVERSVILLE	54	09/22/90	68
179	SP	MARSH	04	09/23/90	69
180	CSX	COLUMBUS	39	09/24/90	69
181	CSX SJRT	JACKSONVILLE	12	09/26/90	69
182	SP	CHAMISO	04	09/27/90	70
183	ATSF	LUDLOW	06	09/28/90	70
184	UP	BRIGHTON	08	09/29/90	71
185	SOO	MUSCATINE	19	10/02/90	71
186	NJTR	TRENTON	34	10/03/90	72
187	CR	EAST LAKE	39	10/03/90	72
188	CSX	ATMORE	01	10/04/90	72
189	SP	HONDO	48	10/05/90	73
190	ATSF	HIGHLAND PARK	06	10/08/90	73
191	ATK SP	WALLER	48	10/10/90	73
192	CSX	LEWISBURG	47	10/15/90	74
193	NW	UNIONVILLE	39	10/17/90	74
194	BN	AMARILLO	48	10/18/90	75
198	BN	LYONS	38	10/19/90	76
196	CSX	MCCORMICK	45	10/19/90	75
197	UP	ALIX	05	10/19/90	76
195	BAR	BROWNSVILLE	23	10/19/90	75
199	BN	ST. LOUIS	29	10/21/90	77
200	CR	WASHINGTON, D.C.	11	10/23/90	77
201	SOU	ST. MATTHEWS	45	10/23/90	77
204	CSX SJRT	JACKSONVILLE	12	10/27/90	79
203	SP	BANNING	06	10/27/90	78
202	ATK UP	SCHERTZ	48	10/27/90	78
206	BN	OREGON	17	11/04/90	79
205	UP	MONROE	22	11/04/90	79
210	ATSF	CORONA	06	11/07/90	81
209	CR	SAYBROOK	39	11/07/90	80
208	UP	TIPTON	56	11/07/90	80
207	RFP	WOODBIDGE	51	11/07/90	80

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....	DATE	PAGE	
211	BN	AUGUSTA	20	11/08/90	81
212	NYSW	SPARTA	34	11/09/90	82
213	BN	HOLDENVILLE	40	11/13/90	82
215	ATK CNW	CHICAGO	17	11/15/90	83
214	SEPA	TRENTON	34	11/15/90	82
217	SOO	MILTONA	27	11/16/90	84
216	CSX	WOFFORD	21	11/16/90	83
218	BN	FROMBERG	30	11/18/90	84
220	IAIS	MALCOM	19	11/18/90	85
219	PW	DAYVILLE	09	11/18/90	85
221	BN	CROOKSTON	27	11/25/90	85
222	ATSF	ESSEX	06	11/26/90	86
223	CR	ALLIANCE	39	11/27/90	86
224	ATK ATSF	KLEINFELTER	06	11/29/90	87
225	ATSF	BURLINGAME	20	12/01/90	87
226	MP	HOLDEN	29	12/02/90	87
227	MRL	THOMPSON FALLS	30	12/03/90	88
229	CCCL	MIDDLETOWN	09	12/05/90	88
228	SSW	PLAIN DEALING	22	12/05/90	88
230	SP	MULDOON	48	12/07/90	89
231	SOU	NEW ORLEANS	22	12/09/90	89
232	CR	COLUMBUS	39	12/09/90	89
233	SP	FLATONIA	48	12/10/90	90
234	ATK	BOSTON	25	12/12/90	90
235	ATK GTW	CHARLOTTE	26	12/17/90	91
236	BN TRRA	ST. LOUIS	29	12/19/90	91
237	ATK SP	CHATSWORTH	06	12/21/90	91
238	MRL	KOOTENAI	16	12/22/90	92
239	BN	DIGGINS	29	12/28/90	92
240	NIRC ATK	CHICAGO	17	12/31/90	93

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	01/04/90	03:03 PM	HIGBY	OH	HIGHWAY-RAIL CROSSING	0	2	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
1			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	4144E	43 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: SCHOOL BUS STALLED ON A HIGHWAY-RAIL GRADE CROSSING JUST PRIOR TO ACTIVATION OF WARNING LIGHTS AND ARRIVAL OF FREIGHT TRAIN.

UP	01/05/90	10:30 PM	TROUP	TX	HIGHWAY-RAIL CROSSING	5	1	\$ 250
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
2			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CHHOZ	43 MPH
			EQUIPMENT DERAILED:	NONE				

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 0.23 PERCENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MP	01/08/90	02:30 AM	VANDEBILT	TX	DERAILMENT	0	0	\$ 775,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
3			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	KVP11	40 MPH
			EQUIPMENT DERAILED:	24 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BURNED OFF L-4 JOURNAL ON THE LEAD TRUCK OF TANK CAR DUPX 26094.								
BN	01/10/90	11:09 AM	MILFORD	NE	OBSTRUCTION	0	0	\$ 41,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
4			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	7212W	46 MPH
			EQUIPMENT DERAILED:	NONE		MOW EQUIPMENT	MOFW	0 MPH
			CROSSING PROTECTION					
PROBABLE CAUSE: THE BN TRAIN DISPATCHER FAILED TO PROVIDE THE REQUIRED PROTECTION FOR M OF W EQUIPMENT OCCUPYING THE MAIN TRACK AFTER GRANTING THE FOREMAN PERMISSION TO OCCUPY THE TRACK.								
SP	01/11/90	09:15 AM	STRANG	TX	DERAILMENT	0	0	\$ 22,000
			TYPE OF TRACK:	SIDING				
			CLASS OF TRACK:	1				
5			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	7878E	5 MPH
			EQUIPMENT DERAILED:	5 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: WIDE TRACK GAGE DUE TO DEFECTIVE CROSSTIES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	01/11/90	11:45 AM	MAZON TOWNSHIP	IL	HIGHWAY-RAIL CROSSING	3	2	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
6			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	QNYLA	55 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	01/11/90	03:10 PM	ARCHBOLD	OH	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
7			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TV80	70 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

MP HBT	01/14/90	07:15 PM	HOUSTON	TX	HEAD-END COLLISION	0	0	\$ 46,407
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
8			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	2188	9 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S) 5 CAR(S)		FREIGHT TRAIN	HBT21	10 MPH
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF BOTH CREWS TO OPERATE THEIR TRAINS AT RESTRICTED SPEED WITHIN YARD LIMITS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK BN	01/14/90	06:07 PM	WEST QUINCY	IL	OBSTRUCTION	0	0	\$ 6,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
9			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	NO134	60 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: ATK NO. 1347 STRUCK FREIGHT CAR PLUG TYPE DOOR THAT WAS LYING ON THE TRACK.

LI	01/16/90	07:55 AM	MINEOLA	NY	HIGHWAY-RAIL CROSSING	1	3	\$ 40,465
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
10			METHOD OF OPERATION:	INTERLOCKING CAB SIGNAL AUTO TRAIN CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	NO201	70 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

CONTRIBUTING FACTORS: DEFECTIVE TRACK LEAD THAT CAUSED CROSSING GATES TO REMAIN DOWN FOR AN EXTENDED PERIOD OF TIME (22 MINUTES).

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	01/17/90	02:05 AM	FAIR OAKS	IN	DERAILMENT	0	0	\$ 648,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
11			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	G3771	47 MPH
			EQUIPMENT DERAILED:	25 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BROKEN WHEEL (OVERHEATING).								
BN	01/18/90	11:10 AM	SOUTH SEATTLE	WA	REAR-END COLLISION	0	1	\$ 22,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
12			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	692	0 MPH
			EQUIPMENT DERAILED:	1 CAR(S)		FREIGHT TRAIN	97	10 MPH
			CROSSING PROTECTION					
PROBABLE CAUSE: THE CREW OF TRAIN NO. 97 FAILED TO OPERATE THE TRAIN AT RESTRICTED SPEED WITHIN YARD LIMITS.								
ATK	01/19/90	11:00 PM	JACKSON	MI	HIGHWAY-RAIL CROSSING	1	0	\$ 7,779
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
13			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	354	45 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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
BN	01/22/90	08:10 AM	TASCOSA	TX	DERAILMENT	1	0	\$ 1,818,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
14			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	OIG52	50 MPH
			EQUIPMENT DERAILED:	41 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BROKEN RAIL (DETAIL FRACTURE).								

CSX	01/22/90	01:05 PM	PARKWOOD	AL	OBSTRUCTION	0	4	\$ 511,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
15			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	68421	40 MPH
			EQUIPMENT DERAILED:	6 LOCOMOTIVE(S) 16 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE TRACK STRUCTURE WAS OBSTRUCTED BY DIRT AND ROCK RESULTING FROM THE SUDDEN COLLAPSE OF AN EMBANKMENT.								

ATK	01/27/90	01:00 PM	SCHODACK LANDING	NY	OTHER	1	0	\$ 790
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	6				
16			METHOD OF OPERATION:	TRAFFIC CONTROL CAB SIGNAL AUTO TRAIN STOP AUTO TRAIN CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	NO69	110 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: WHEELCHAIR OPERATOR, AT A PRIVATE ROAD CROSSING, FAILED TO POSITION WHEELCHAIR IN THE CLEAR OF AN APPROACHING TRAIN.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CNW	01/27/90	02:47 AM	McHENRY	IL	REAR-END COLLISION	0	3	\$ 478,401
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
17			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	LIGHT LOCO(S)	WJA15	20 MPH
						LIGHT LOCO(S)	4412	27 MPH
						PASSENGER TRAIN	608	0 MPH
			EQUIPMENT DERAILED:	2 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE CREW OF WJA15 FAILED TO SECURE FOUR UNATTENDED LOCOMOTIVES (4412).								
UP	01/28/90	05:18 PM	KELSO	CA	OTHER	0	3	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
18			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	OGRLB	56 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE CREW OF EXTRA OGRLB FAILED TO CONTROL THE SPEED OF THEIR TRAIN IN ACCORDANCE WITH TIMETABLE SPECIAL INSTRUCTIONS.								
ATK	01/29/90	02:55 PM	TAMPA	FL	HIGHWAY-RAIL CROSSING	1	1	\$ 25
CSX			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
19			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	PO87	77 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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
SP	01/30/90	04:20 AM	ELK GROVE	CA	DERAILMENT	0	0	\$ 380,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
20			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	RVWCU	56 MPH
			EQUIPMENT DERAILED:	14 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	43		
			CROSSING PROTECTION					
PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE L-4 LOCATION ON FLAT CAR SP 565011.								
BN	01/30/90	01:50 PM	FORDLAND	MO	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
21			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	18130	54 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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	02/01/90	01:30 PM	CHASE	MD	OBSTRUCTION	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	6				
22			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	N081	90 MPH
				CAB SIGNAL				
				AUTO TRAIN STOP				
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: TWO TRESPASSERS RIDING ON AN ALL TERRAIN VEHICLE (ATV) FAILED TO CLEAR APPROACHING TRAIN.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK UP	02/04/90	12:43 AM	RUSSELL	AR	HIGHWAY-RAIL CROSSING	2	0	\$ 5,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
23			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	NO22	75 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.08 PERCENT.

UP	02/05/90	02:10 PM	DELTA	UT	HIGHWAY-RAIL CROSSING	3	0	\$ 5,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
24			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	9183W	67 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
S00	02/06/90	04:30 PM	WATSEKA	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 1,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
25			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	Z457	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	02/07/90	08:07 AM	WALTHAM	MA	HIGHWAY-RAIL CROSSING	0	2	\$ 2,100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
26			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	408EA	57 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

UP	02/09/90	06:50 AM	PAGE	WA	DERAILMENT	0	0	\$ 565,600
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
27			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CPHK8	45 MPH
			EQUIPMENT DERAILED:	19 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	130		
			CROSSING PROTECTION					

PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE L-1 LOCATION ON TANK CAR PROX 81197.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	02/09/90	09:15 AM	TEMPLE	TX	DERAILMENT	0	0	\$ 36,460
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
28			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	CUT OF CARS		10 MPH
			EQUIPMENT DERAILED:	7 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	300		
			CROSSING PROTECTION					
PROBABLE CAUSE: THE YARD CREW FAILED TO PROPERLY SECURE THE CARS.								
CR	02/09/90	06:40 AM	CHICAGO	IL	HEAD-END COLLISION	0	0	\$ 69,000
CNW			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
29			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TV201	0 MPH
			EQUIPMENT DERAILED:	NONE		FREIGHT TRAIN	74	8 MPH
			CROSSING PROTECTION					
PROBABLE CAUSE: FAILURE OF THE CREW ON CNW TRAIN NO. 74 TO OPERATE THEIR LOCOMOTIVE PREPARED TO STOP WITHIN ONE-HALF THE RANGE OF VISION.								
ST	02/14/90	08:00 PM	WINN	ME	DERAILMENT	0	0	\$ 3,700
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
30			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MAWA	10 MPH
			EQUIPMENT DERAILED:	9 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: HARMONIC ROCK OFF CAUSED BY A HIGH CENTER OF GRAVITY CAR MOVING AT CRITICAL SPEED OVER TRACK WITH MARGINAL GEOMETRY CONDITIONS.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	02/14/90	06:15 AM	EVARO	MT	DERAILMENT	0	2	\$ 1,530,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
31			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01196	72 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				31 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: FAILURE OF THE CREW TO CONTROL THE SPEED OF THE TRAIN IN ACCORDANCE WITH A 25 MPH TIMETABLE SPEED RESTRICTION.								
CSX	02/15/90	12:30 AM	CHARLOTTE	NC	HIGHWAY-RAIL CROSSING	2	1	\$ 1,266
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
32			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R6961	25 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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	02/17/90	08:00 AM	ELMHOUSE	TX	DERAILMENT	0	0	\$ 432,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
33			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	151TU	54 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	24 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	15		
			CROSSING PROTECTION					
PROBABLE CAUSE: BROKEN TRUCK BOLSTER ON ACFX 44524, THE 21ST CAR IN THE TRAIN.								
IC	02/18/90	05:10 AM	CHICAGO	IL	RR GRADE CROSSING	0	0	\$ 180,500
BRC								
GTW								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
34			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	GLTRA	5 MPH
						PASSENGER TRAIN	389	10 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				6 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: FAILURE OF THE IC CREW TO OPERATE TRAIN GLTRA IN ACCORDANCE WITH A STOP SIGNAL INDICATION AT A RR GRADE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	02/20/90	07:10 PM	CUMMINGS	ND	DERAILMENT	0	0	\$ 356,092
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
35			METHOD OF OPERATION:	TRACK WARRANT CONTROL AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	43880	41 MPH
			EQUIPMENT DERAILED:	26 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE L-4 LOCATION ON BN 575314.								
BN	02/20/90	08:55 PM	DESOTA	WI	DERAILMENT	0	0	\$ 306,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
36			METHOD OF OPERATION:	TRACK WARRANT CONTROL AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1A107	52 MPH
			EQUIPMENT DERAILED:	20 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE L-2 LOCATION ON BOX CAR RBOX 44076.								
AEC	02/21/90	02:45 AM	KINSTON	NC	HIGHWAY-RAIL CROSSING	1	1	\$ 61,250
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
37			METHOD OF OPERATION:	TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO 51	25 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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
BN	02/24/90	07:47 PM	KOOTENAI FALLS	MT	DERAILMENT	0	0	\$ 153,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
38			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01014	10 MPH
			EQUIPMENT DERAILED:	10 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: IRREGULAR ALIGNMENT DEVIATION OF FOUR AND ONE QUARTER INCHES FROM UNIFORMITY IN COMBINATION WITH A LOADED TRAILER VAN ON THE TRAILING END OF A FLAT CAR.

CR	02/25/90	02:52 AM	VERSAILLES	OH	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
39			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TV5	58 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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 0.25 PERCENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	02/26/90	11:24 AM	HERRIN	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
40			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO31	45 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	02/28/90	06:55 PM	IRONDALE	CO	OTHER	0	1	\$ 73,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
41			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	CUT OF CARS		30 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)		FREIGHT TRAIN	59QQO	0 MPH
				1 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS.
CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.

SSW	03/01/90	02:30 PM	NELSON	MO	DERAILMENT	0	0	\$ 1,803,204
MP			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
42			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	5325E	47 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				28 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: IRREGULAR CROSS LEVEL AND WIDE GAGE DUE TO INEFFECTIVE CROSS TIES.
CONTRIBUTING FACTORS: TRAIN OPERATED AT AN ESTIMATED SPEED OF SEVEN MPH ABOVE THE MAXIMUM AUTHORIZED SPEED.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	03/01/90	11:28 AM	STEVENSVILLE	MI	HIGHWAY-RAIL CROSSING	2	0	\$ 750
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
43			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R2028	48 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	03/02/90	12:47 AM	LUDLOW	CO	DERAILMENT	0	1	\$ 783,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
44			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	7021W	38 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	24 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: BROKEN RAIL DUE TO DETAIL FRACTURE ORIGINATING FROM A HEAD CHECK ON THE GAGE SIDE.

GSF	03/02/90	08:37 PM	MINEOLA	GA	HIGHWAY-RAIL CROSSING	3	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
45			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO246	55 MPH
				TRAIN ORDERS				
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	03/02/90	04:14 PM	UNION TOWNSHIP	OH	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
46			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	N0960	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								
MP	03/06/90	06:05 AM	TEXARKANA	AR	SIDE COLLISION	0	1	\$ 354,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
47			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	FWNL5	18 MPH
			EQUIPMENT DERAILED:	17 CAR(S)		FREIGHT TRAIN	PLNL6	6 MPH
			CROSSING PROTECTION					
PROBABLE CAUSE: FAILURE OF THE CREW OF PLNL-06 TO OPERATE THEIR TRAIN AT RESTRICTED SPEED.								
CSX	03/09/90	11:46 PM	HAMMOND	IN	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
48			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R337	20 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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
ATK CR	03/11/90	12:35 AM	CANTON TOWNSHIP	MI	HIGHWAY-RAIL CROSSING	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
49			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	N0354	69 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE MOTOR VEHICLE LEFT THE ROADWAY AND BECAME DISABLED ON THE TRACK STRUCTURE.
 CONTRIBUTING FACTORS: REDUCED VISIBILITY DUE TO FOGGY CONDITIONS.

ATK CR	03/12/90	07:13 AM	BUCYRUS	OH	HIGHWAY-RAIL CROSSING	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
50			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	N029	70 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

CR	03/13/90	12:05 AM	ANN ARBOR	MI	OTHER	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
51			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	JATO2	UNK MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: INSUFFICIENT CLEARANCE BETWEEN THE TOP OF A RAILROAD CAR, ON WHICH TWO TRESPASSERS WERE RIDING, AND AN OVERHEAD RAILROAD TRESTLE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK CSX	03/13/90	01:23 AM	ROCKY MOUNT	NC	REAR-END COLLISION	0	86	\$ 135,650
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
52			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	PASSENGER TRAIN	P088	0 MPH
						YARD/SWITCHING	Y275	5 MPH
			EQUIPMENT DERAILED:	4 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE CSXT YARD SWITCHER ENGINEER TO OPERATE THE TRAIN IN ACCORDANCE WITH A RESTRICTED SPEED SIGNAL INDICATION.

CONTRIBUTING FACTORS: FAILURE OF THE CSXT YARD-SWITCHER CREW TO COUPLE THE AIR BRAKE HOSE BETWEEN THE LOCOMOTIVE AND THE TRAIN.

MP	03/16/90	01:25 PM	CALDWELL	KS	DERAILMENT	0	0	\$ 560,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
53			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	GQWYC	42 MPH
			EQUIPMENT DERAILED:	26 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE R-2 LOCATION ON COVERED HOPPER CAR MP 723139.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	03/17/90	09:15 AM	MILAN	TN	DERAILMENT	0	0	\$ 346,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
54			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R5301	45 MPH
			EQUIPMENT DERAILED:	20 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	15		
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE BUFF FORCES CAUSED BY IMPROPER TRAIN MAKE-UP.								
SSW	03/19/90	06:40 AM	KANSAS CITY	KS	HIGHWAY-RAIL CROSSING	2	0	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
55			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	8049E	45 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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	03/19/90	01:45 PM	LONG ISLAND CITY	NY	DERAILMENT	0	0	\$ 8,505
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
56			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	YFP10	5 MPH
			EQUIPMENT DERAILED:	1 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	450		
			CROSSING PROTECTION					
PROBABLE CAUSE: WHEEL CLIMBED RAIL ACCOUNT RIGID TRUCK ON GATX 89969 CAUSED BY LOOSE CAR BODY SIDE BEARING SECUREMENT BOLTS ON THE A END, LEFT SIDE, OF THE CAR.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MNCW	03/20/90	09:24 PM	NORWALK	CT	HIGHWAY-RAIL CROSSING	2	0	\$ 2,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
57			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	1880	30 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

ATK	03/23/90	07:56 PM	WANATAH	IN	HIGHWAY-RAIL CROSSING	2	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
58			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	30	70 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

SP	03/24/90	12:45 AM	MALLIE	TX	DERAILMENT	0	0	\$ 960,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
59			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	EPHOM	44 MPH
			EQUIPMENT DERAILED:	24 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: UNDETERMINED.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK	03/24/90	11:29 AM	CHICAGO	IL	OBSTRUCTION	0	92	\$ 174,388
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
60			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	581	4 MPH
			EQUIPMENT DERAILED:	8 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE CONDUCTOR TO OPERATE THE TAIL HOSE BRAKE VALVE IN SUCH A MANNER SO AS TO CONTROL THE SPEED OF THE TRAIN AND STOP SHORT OF THE BUMPING POST.

SP	03/25/90	10:10 PM	PEREZ	CA	DERAILMENT	0	0	\$ 669,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
61			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	6806W	45 MPH
			EQUIPMENT DERAILED:	31 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: EXCESSIVE BUFF FORCES CAUSED BY IMPROPER TRAIN HANDLING ON TRACK WITH AN UNDULATING GRADE.

LI	03/28/90	02:45 AM	HOLTSVILLE	NY	DERAILMENT	0	0	\$ 3,558
			TYPE OF TRACK:	SIDING				
			CLASS OF TRACK:	1				
62			METHOD OF OPERATION:	CARRIER RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	RF 61	5 MPH
			EQUIPMENT DERAILED:	1 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	3500		
			CROSSING PROTECTION					

PROBABLE CAUSE: WHEEL CLIMBED RAIL IN A CURVE CAUSED BY THE STIFFNESS OF THE BARBER S-2 TRUCKS AND LIMITED TRAVEL OF THE D-3 TRUCK SPRINGS ON THOSE TRUCKS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	03/29/90	05:04 AM	EUGENE	OR	HIGHWAY-RAIL CROSSING	4	0	\$ 3,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
63			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1A366	23 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	03/30/90	10:45 AM	OMAHA	NE	DERAILMENT	0	3	\$ 244,547
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
64			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	YB643	10 MPH
			EQUIPMENT DERAILED:	2 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: A RIGID TRUCK ALLOWED EXCESSIVE LATERAL FORCES WHICH CAUSED THE WHEELS OF MILW 100529 TO CLIMB THE OUTSIDE RAIL ON A FIVE DEGREE SIX-MINUTE CURVE.

BN	03/30/90	05:24 PM	MONROE	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
65			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	93414	48 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	04/01/90	06:40 PM	FORT GAY	WV	HIGHWAY-RAIL CROSSING	2	0	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
66			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO513	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	04/06/90	09:10 PM	NORTH PLATTE	NE	OTHER	0	0	\$ 108,981
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	2				
67			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NP22	8 MPH
			EQUIPMENT DERAILED:	2 CAR(S)		CUT OF CARS		0 MPH
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE SWITCH CREW TO PROPERLY PROTECT A SHOVING MOVEMENT INTO A YARD TRACK.

MSRC	04/07/90	06:35 AM	MORTON	MS	DERAILMENT	0	0	\$ 779,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
68			METHOD OF OPERATION:	TRACK PERMIT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1025	33 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
			CROSSING PROTECTION	22 CAR(S)				

PROBABLE CAUSE: BUFF OR SLACK ACTION EXCESSIVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOU	04/08/90	01:16 PM	SALISBURY	NC	HIGHWAY-RAIL CROSSING	3	0	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
69			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	219P2	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

MP	04/13/90	09:35 AM	JEFFERSON CITY	MO	HIGHWAY-RAIL CROSSING	3	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
70			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	235E	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	04/13/90	05:10 PM	PAYETTE	ID	HIGHWAY-RAIL CROSSING	2	0	\$ 25,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
71			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	BANPZ	58 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
NJTR	04/13/90	04:42 PM	WESTFIELD	NJ	OTHER	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
72			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	5423W	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: PASSENGER LOST FOOTING AND FELL FROM DOORWAY WHILE TRAIN WAS MOVING AND WAS STRUCK BY THE WHEELS OF THE REAR CAR.

CONTRIBUTING FACTORS: THE PASSENGER'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.213 PERCENT.

IC	04/19/90	02:15 AM	MEMPHIS	TN	DERAILMENT	0	0	\$ 8,470
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
73			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	55	5 MPH
			EQUIPMENT DERAILED:	5 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: OUTER EDGE OF WHEEL TREAD ON 31ST CAR CONTACTED THE GAGE SIDE OF STOCK RAIL PUSHING THE STOCK RAIL OUTWARD.

CONTRIBUTING FACTORS: POOR TIE CONDITION AND IRREGULAR TRACK SURFACE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	04/21/90	04:19 PM	TIMPSON	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
74			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1HOEF	37 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

ATSF	04/21/90	07:55 AM	MOUNTAINAIR	NM	REAR-END COLLISION	0	1	\$ 426,100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
75			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	19612	0 MPH
						FREIGHT TRAIN	27852	24 MPH
						FREIGHT TRAIN	QBHLA	32 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 13 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE ENGINEER OF TRAIN 27852 TO OPERATE HIS TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
VRR	04/22/90	01:15 PM	ESSEX	CT	REAR-END COLLISION	0	5	\$ 100
			TYPE OF TRACK:	SIDING				
			CLASS OF TRACK:	2				
76			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	PASSENGER TRAIN	800	0 MPH
						LIGHT LOCO(S)	1647	5 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE CREW OPERATING A LIGHT LOCOMOTIVE FAILED TO CONTROL SPEED AND STOP SHORT OF A STANDING TRAIN ON A YARD TRACK.

BPRR	04/22/90	9:36 PM	CRAIGSVILLE	PA	DERAILMENT	0	0	\$ 753,800
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
77			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	BUB22	23 MPH
			EQUIPMENT DERAILED:	29 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	200		
			CROSSING PROTECTION					

PROBABLE CAUSE: INSUFFICIENT SIDE BEARING CLEARANCE ON THE A-END OF COVERED HOPPER CSXT 240839 ALLOWED WHEEL CLIMB.

ATK BN	04/23/90	1:26 PM	BATAVIA	IA	DERAILMENT	0	135	\$ 1,770,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
78			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	330	79 MPH
				AUTOMATIC BLOCK		CUT OF CARS		0 MPH
			EQUIPMENT DERAILED:	8 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED) RESULTING FROM THE INSTALLATION OF CONTINUOUS WELDED RAIL DURING SUBFREEZING TEMPERATURE WITHOUT CORRECTIVE ADJUSTMENT FOR EXPANSION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	04/25/90	08:50 PM	QUEBEC	MT	DERAILMENT	0	0	\$ 325,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
79			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01196	58 MPH
			EQUIPMENT DERAILED:	24 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE WEAR OF THE LATERAL BOLSTER GIBS ALLOWED WHEEL LIFT ON THE LEADING WHEEL OF EMPTY HOPPER CAR CNW 63072.								

ATSF	04/25/90	04:30 PM	PEDERNAL	NM	DERAILMENT	0	0	\$ 110,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
80			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	QNYLA	34 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 4 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: WORN AND MISSING BOLSTER STOP WEAR PLATES AND EXCESSIVE LATERAL MOTION AT THE JOURNAL BOXES ON LOCOMOTIVE 3826.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	04/28/90	03:40 PM	MCCOOL	IN	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
81			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R3012	58 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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	04/28/90	3:20 PM	PEE DEE	NC	DERAILMENT	0	0	\$ 584,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
82			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R666	2 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 21 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	200		
			CROSSING PROTECTION					
PROBABLE CAUSE: TRUCK SIDE FRAME STRUCK A PULPWOOD LOG LYING ADJACENT TO THE MAIN TRACK.								
SP	04/29/90	5:50 PM	KINTER	AZ	DERAILMENT	0	0	\$ 1,357,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
83			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	9688	40 MPH
			EQUIPMENT DERAILED:	28 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: IMPROPER USE OF THE INDEPENDENT BRAKE TO CONTROL THE SLACK IN THE TRAIN.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN MRL	04/29/90	11:25 PM	SPOKANE	WA	OTHER	0	2	\$ 244,210
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
84			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	CUT OF CARS	20829	45 MPH
						FREIGHT TRAIN	02G18	0 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 20 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: FAILURE OF CREWMEMBERS ON BN TRAIN NO. 20829 TO APPLY SUFFICIENT HAND BRAKES TO SECURE THE CARS OF THEIR TRAIN.								
ATK CR	05/02/90	8:50 PM	CRAWFORDSVILLE	IN	OTHER	0	12	\$ 209,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
85			METHOD OF OPERATION:	VOICE CONTROL MANUAL BLOCK	MOVEMENTS INVOLVED:	CUT OF CARS		0 MPH
						PASSENGER TRAIN	318	25 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 2 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE HAND OPERATED SWITCH WAS LEFT LINED FOR THE SIDING INSTEAD OF FOR THE MAIN TRACK.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	05/02/90	1:05 AM	OMAHA	NE	HEAD-END COLLISION	0	9	\$ 250,991
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
86			METHOD OF OPERATION:	CAB SIGNAL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	956	45 MPH
				AUTOMATIC BLOCK		FREIGHT TRAIN	2002	15 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				3 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.								
ATK	05/03/90	9:25 AM	DURANT	MS	HIGHWAY-RAIL CROSSING	0	8	\$ 762,000
IC			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
87			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	59	59 MPH
				TRACK PERMIT CONTROL				
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				3 CAR(S)				
			CROSSING PROTECTION					
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
BN	05/04/90	01:20 AM	MARSHLAND	NE	DERAILMENT	0	0	\$ 970,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
88			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	7130E	35 MPH
			EQUIPMENT DERAILED:	25 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE L-1 LOCATION ON HOPPER CAR OMAX 242.

MP	05/04/90	07:55 PM	PLUM	TX	HIGHWAY-RAIL CROSSING	2	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
89			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CBTHS	35 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	05/06/90	11:30 AM	BROOKSTON	IN	HIGHWAY-RAIL CROSSING	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
90			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	317	79 MPH
				DIRECT TRAFFIC CONTROL				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
MP	05/06/90	10:30 PM	LAMINE	MO	DERAILMENT	0	0	\$ 163,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
91			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1LAES	35 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	10 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: WIDE GAGE DUE TO INEFFECTIVE CROSS TIES.								
WC	05/07/90	05:45 AM	MACKVILLE	WI	DERAILMENT	0	0	\$ 483,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
92			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	T0197	25 MPH
			EQUIPMENT DERAILED:	29 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: IRREGULAR CROSS LEVEL AT RAIL JOINTS CAUSED WHEEL LIFT.								
CR ATK	05/07/90	04:03 AM	MIDDLE RIVER	MD	OTHER	0	0	\$ 78,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	6				
93			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TV22	20 MPH
				CAB SIGNAL				
				AUTO TRAIN CONTROL				
				AUTO TRAIN STOP				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE TRAILER KING PIN OF A TRAILER ON A FLAT CAR WAS NOT PROPERLY SECURED IN THE TRAILER HITCH, AND THE TRAILER FELL FROM THE FLAT CAR.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	05/12/90	09:54 AM	VERNON	TX	HIGHWAY-RAIL CROSSING	2	2	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
94			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	14100	30 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	05/17/90	12:01 PM	NAMPA	ID	SIDE COLLISION	0	1	\$ 136,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
95			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	YNA51	4 MPH
						FREIGHT TRAIN	LQ150	12 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: A CRIMPED TRAIN LINE HOSE IN TRAIN LQ150 RESULTED IN THE RETARDATION OF A BRAKE PIPE PRESSURE REDUCTION AND PREVENTED THE PROPAGATION OF AN EMERGENCY TRAIN BRAKE APPLICATION THROUGH THE TRAIN.

CONTRIBUTING FACTORS: THE AIR HOSE WAS 26 INCHES LONG INSTEAD OF 22 INCHES LONG.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW	05/22/90	08:35 PM	EDMONSON	AR	HIGHWAY-RAIL CROSSING	2	0	\$ 800
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
96			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MFDAQ	50 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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 MP	05/24/90	05:40 PM	BUSHTON	KS	DERAILMENT	0	0	\$ 217,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
97			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	FKCDV	20 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	88 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: HIGH WINDS FROM A TORNADO.

IC	05/24/90	9:45 PM	COVINGTON	TN	DERAILMENT	0	0	\$ 428,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
98			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CRM24	28 MPH
				TRACK PERMIT CONTROL				
			EQUIPMENT DERAILED:	17 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	800		
			CROSSING PROTECTION					

PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE L-1 LOCATION ON ADMX 29438.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ARR	05/28/90	01:30 PM	DUNBAR	AK	DERAILMENT	0	0	\$ 398,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
99			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	3007	43 MPH
			EQUIPMENT DERAILED:	19 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE TRACK BUCKLED DUE TO INEFFECTIVE RAIL ANCHORS CAUSING THE MAIN LINE SWITCH POINT TO GAP.
CONTRIBUTING FACTORS: TEMPERATURE AT THE TIME OF THE ACCIDENT WAS 80 DEGREES FAHRENHEIT.

CSX	05/31/90	07:45 AM	SHELBY	IN	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
100			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	2254	48 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

AGS	05/31/90	09:25 AM	LIPSCOMB	AL	HIGHWAY-RAIL CROSSING	2	0	\$ 8,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
101			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	454	40 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
ATK CSX	05/31/90	11:53 AM	PLEASANT RIDGE	IN	HIGHWAY-RAIL CROSSING	1	0	\$ 29,509
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
102			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	317	78 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

S00 BN	06/02/90	06:05 AM	ST CROIX	MN	REAR-END COLLISION	0	1	\$ 29,945
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
103			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	222	0 MPH
						FREIGHT TRAIN	42	5 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				3 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE CREW OF BN 42 FAILED TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A RESTRICTED SPEED SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	06/02/90	09:25 PM	STOCKTON	CA	HIGHWAY-RAIL CROSSING	2	1	\$ 450
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
104			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	6012	35 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								
ST	06/03/90	09:05 PM	KENNEBUNK	ME	DERAILMENT	0	0	\$ 152,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
105			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NESE3	25 MPH
			EQUIPMENT DERAILED:	9 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING ON BOX CAR BAR 6777.								
TRRA	06/04/90	02:38 PM	ST LOUIS	MO	DERAILMENT	0	0	\$ 77,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
106			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	FREIGHT TRAIN	P102	8 MPH
			EQUIPMENT DERAILED:	14 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE LATERAL FORCE CAUSED AN EMPTY TRI-LEVEL, THE 37TH HEAD CAR, TO STRING LINE THE INSIDE OF A 11 DEGREE 30 MINUTE CURVE.								
CONTRIBUTING FACTORS: THE EMPTY TRI-LEVEL WAS PLACED ONE-THIRD DEEP IN THE TRAIN WITH LOADS AHEAD AND BEHIND.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
AGS	06/06/90	02:55 PM	MOUNDVILLE	AL	HIGHWAY-RAIL CROSSING	1	3	\$ 1,125,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
107			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	394	40 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 26 CAR(S)				
			CROSSING PROTECTION					

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

BN	06/08/90	05:30 PM	LAMONA	WA	SIDE COLLISION	0	6	\$ 6,033,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
108			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01690	50 MPH
				AUTOMATIC BLOCK		MOW EQUIPMENT	NO14	15 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE RAIL GRINDER TO STOP AT A RED ABSOLUTE BLOCK SIGNAL.

BN	06/11/90	11:22 AM	SENECA	NE	HIGHWAY-RAIL CROSSING	4	1	\$ 150
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
109			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	42KK0	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	06/12/90	07:00 PM	DILLEY	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
110			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	SALD1	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	06/14/90	12:55 PM	FAIRHOPE	OH	OBSTRUCTION	0	0	\$ 225,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
111			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MAIL4	40 MPH
			EQUIPMENT DERAILED:	NONE		MOW EQUIPMENT	DA010	0 MPH
			CROSSING PROTECTION					

PROBABLE CAUSE: THE TRAIN DISPATCHER FAILED TO PROVIDE PROPER PROTECTION FOR M OF W EQUIPMENT.

BN	06/16/90	12:30 PM	FENTON	IL	DERAILMENT	1	3	\$ 2,051,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
112			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	14416	40 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				32 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE RAPID EROSION OF THE TRACK ROADBED CAUSED BY HEAVY RAIN IN THE ACCIDENT AREA.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	06/16/90	5:25 PM	ANACACHO	TX	DERAILMENT	0	0	\$ 263,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
113			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NOLXT	56 MPH
			EQUIPMENT DERAILED:	29 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: AN AIR HOSE SEPARATION CAUSED AN EMERGENCY BRAKE APPLICATION WHICH RESULTED IN A KNUCKLE FAILURE ON THE 57TH CAR IN THE TRAIN.

CSX	06/19/90	8:05 AM	BROWNSVILLE	TN	HIGHWAY-RAIL CROSSING	3	1	\$ 768,150
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
114			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R535	30 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
			CROSSING PROTECTION					

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

AGS	06/20/90	01:40 PM	ELLISVILLE	MS	HIGHWAY-RAIL CROSSING	2	0	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
115			METHOD OF OPERATION:	AUTOMATIC BLOCK TRAIN ORDERS TIME TABLE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	393A8	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
SOU	06/27/90	05:12 PM	CHOCOLOCOCO	AL	HIGHWAY-RAIL CROSSING	2	0	\$ 250
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
116			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	353A1	47 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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 0.182 PERCENT.

SOU	06/27/90	11:12 AM	SABULA	IL	HEAD-END COLLISION	0	1	\$ 18,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
117			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	198	0 MPH
				AUTOMATIC BLOCK		FREIGHT TRAIN	229	4 MPH
				YARD LIMITS				
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				5 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE ENGINEER ON TRAIN NO. 229 TO OPERATE HIS TRAIN AT RESTRICTED SPEED AND STOP SHORT OF TRAIN NO. 198.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	06/28/90	05:45 PM	REDDICK	IL	HEAD-END COLLISION	0	3	\$ 131,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
118			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	WORK TRAIN		0 MPH
						FREIGHT TRAIN	HCH26	45 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S) 7 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: AFTER PERFORMING MAINTENANCE ON A SWITCH, THE TRACK INSPECTION & REPAIR FOREMAN FAILED TO RESTORE IT TO THE NORMAL OPERATING POSITION.								
CSX	06/28/90	8:37 AM	CARLISLE	OH	DERAILMENT	0	0	\$ 124,100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
119			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	37027	50 MPH
			EQUIPMENT DERAILED:	9 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	200		
			CROSSING PROTECTION					
PROBABLE CAUSE: UNDETERMINED.								
ATK IC	06/29/90	08:44 PM	LOCKPORT	IL	HIGHWAY-RAIL CROSSING	4	1	\$ 7,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
120			METHOD OF OPERATION:	AUTOMATIC BLOCK TRACK PERMIT CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	307	79 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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
ATK	06/29/90	01:22 PM	PHILADELPHIA	PA	DERAILMENT	0	2	\$ 198,294
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
121			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	NO61	30 MPH
				AUTO TRAIN CONTROL				
				AUTO TRAIN STOP				
				CAB SIGNAL				
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				3 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: AN UNKNOWN PERSON OR PERSONS PLACED AN A-5 LOCK ROD BETWEEN THE STANDARD GUARD RAIL AND THE RUNNING RAIL ON TURNOUT NUMBER 173, WHICH FORCED THE LEADING WHEEL OF THE LOCOMOTIVE TO LIFT OFF.

NW	06/29/90	03:13 PM	CHESAPEAKE	VA	HIGHWAY-RAIL CROSSING	1	2	\$ 31,300
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
122			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NP01	10 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE TANK TRUCK 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
BAR	07/01/90	04:02 PM	EAGLE LAKE	ME	HIGHWAY-RAIL CROSSING	2	2	\$ 50
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
123			METHOD OF OPERATION:	VOICE CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	212	41 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	07/03/90	05:30 AM	NORTH LAS VEGAS	NV	HIGHWAY-RAIL CROSSING	2	1	\$ 3,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
124			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	APSCL	59 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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 AGS	07/05/90	10:56 AM	MERIDIAN	MS	HIGHWAY-RAIL CROSSING	0	14	\$ 327,718
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
125			METHOD OF OPERATION:	AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED:	PASSENGER TRAIN	20	75 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 1 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE TRACTOR-TRAILER 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
SP	07/06/90	05:58 PM	DUSON	LA	HIGHWAY-RAIL CROSSING	2	2	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
126			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LFLCL	55 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								
TM	07/06/90	03:45 PM	REALITOS	TX	DERAILMENT	0	0	\$ 453,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
127			METHOD OF OPERATION:	TRAIN ORDERS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	7	38 MPH
			EQUIPMENT DERAILED:	20 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES CAUSED BY IMPROPER TRAIN HANDLING.								
CONTRIBUTING FACTORS: IRREGULAR CROSS LEVEL IN A CURVE.								
NW	07/08/90	08:10 PM	CONGERVILLE	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 217
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
128			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	5148W	25 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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 0.17 PERCENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	07/08/90	11:05 AM	JULIAN	NE	HIGHWAY-RAIL CROSSING	2	0	\$ 1,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
129			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CBKC8	38 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	07/09/90	08:10 PM	CALVERTON	VA	HIGHWAY-RAIL CROSSING	1	0	\$ 2,500
SOU			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
130			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	19	79 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	07/09/90	04:15 PM	ROCK SPRINGS	WY	DERAILMENT	0	0	\$ 855,212
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
131			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	QONEK	42 MPH
			EQUIPMENT DERAILED:	20 CAR(S)				
			CROSSING PROTECTION					
<p>PROBABLE CAUSE: A BROKEN AXLE AT THE L-3 POSITION ON COVERED HOPPER CAR TGOX 500127. THE FAILURE WAS CAUSED BY A FATIGUE CRACK INITIATED AT A NOTCH PRODUCED WHEN THE AXLE WAS RECONDITIONED.</p>								
SP	07/11/90	6:00 PM	KEITHVILLE	LA	HIGHWAY-RAIL CROSSING	4	7	\$ 1,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
132			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	414L2	48 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
<p>PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.</p>								
ATSF	07/14/90	11:50 PM	AMARILLO	TX	HIGHWAY-RAIL CROSSING	2	1	\$ 200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
133			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	16061	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
<p>PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.</p>								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	07/16/90	03:45 PM	PROGRESS	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
134			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	27851	52 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	07/17/90	02:10 PM	FALLS CITY	NE	REAR-END COLLISION	0	4	\$ 112,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
135			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	13116	0 MPH
			EQUIPMENT DERAILED:	5 CAR(S)		FREIGHT TRAIN	01121	20 MPH
			CROSSING PROTECTION					

PROBABLE CAUSE: THE CREW ON EXTRA 01121 FAILED TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A RESTRICTED SPEED SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	07/19/90	01:50 AM	SAPAR	NM	DERAILMENT	0	0	\$ 121,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
136			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	BNSXF	58 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				7 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE NUMBER TWO AXLE ON LOCOMOTIVE SP 9606 BROKE DUE TO OVERHEATING RESULTING FROM INSUFFICIENT LUBRICATION AT THE TRACTION MOTOR SUPPORT BEARING.								
BN	07/21/90	10:20 PM	RENO	WY	DERAILMENT	0	0	\$ 35,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
137			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	21100	5 MPH
			EQUIPMENT DERAILED:	6 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO DE-ENERGIZE DURING TRAIN OCCUPANCY WHICH ALLOWED THE CROSSOVER SWITCH TO BE REVERSED UNDER THE TRAIN.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CPVM	07/24/90	02:30 AM	BARTON	VT	DERAILMENT	0	0	\$ 174,898
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
138			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	RS3	25 MPH
			EQUIPMENT DERAILED:	5 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	75		
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE RAINFALL CAUSED THE ROADBED TO WASH OUT.								
UP	07/24/90	12:46 PM	DEXTER	MO	HIGHWAY-RAIL CROSSING	1	0	\$ 200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
139			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	LIGHT LOCO(S)	LSV50	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO THE ONCOMING LOCOMOTIVES AT A HIGHWAY-RAIL GRADE CROSSING.								
UP	07/25/90	10:15 AM	CAJON	CA	DERAILMENT	0	0	\$ 11,100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
140			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	SCNYR	18 MPH
			EQUIPMENT DERAILED:	6 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES, CAUSED BY THE INTENTIONAL EMERGENCY APPLICATION OF THE TRAIN AIR BRAKES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	07/30/90	09:30 PM	CLEAR CREEK JUNCTION	CA	DERAILMENT	0	0	\$ 270,620
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
141			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LFD53	25 MPH
			EQUIPMENT DERAILED:	12 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BROKEN RAIL (DETAIL FRACTURE).								
BN	07/31/90	09:46 AM	GRETNA	NE	HIGHWAY-RAIL CROSSING	3	1	\$ 1,100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
142			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01161	45 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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 0.065 PERCENT.								
UP	08/01/90	12:30 PM	ST LOUIS	MO	OBSTRUCTION	0	1	\$ 4,500
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
143			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CHKC	4 MPH
			EQUIPMENT DERAILED:	NONE		MOW EQUIPMENT	MOFW	0 MPH
			CROSSING PROTECTION					
PROBABLE CAUSE: THE CREW OF TRAIN CHKC FAILED TO PROVIDE PROTECTION FOR A REVERSE TRAIN MOVEMENT AND STRUCK A BALLAST REGULATOR.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	08/03/90	01:08 PM	STAUNTON	IL	HIGHWAY-RAIL CROSSING	2	1	\$ 526
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
144			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	25506	59 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	08/04/90	06:00 PM	DRYDEN	TX	DERAILMENT	0	0	\$ 417,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
145			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LADAF	42 MPH
			EQUIPMENT DERAILED:	27 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: EXCESSIVE SLACK ACTION DUE TO AN UNDESIRED EMERGENCY BRAKE APPLICATION.

UP	08/04/90	02:20 PM	DOLLVILLE	IL	HIGHWAY-RAIL CROSSING	3	0	\$ 300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
146			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	RSP2	60 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	08/05/90	01:40 PM	VONORE	TN	HIGHWAY-RAIL CROSSING	2	0	\$ 32,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
147			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	G670	30 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

MRL	08/05/90	01:50 PM	LIVINGSTON	MT	OBSTRUCTION	0	1	\$ 100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
148			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01121	48 MPH
			EQUIPMENT DERAILED:	NONE		MOW EQUIPMENT		0 MPH
			CROSSING PROTECTION					

PROBABLE CAUSE: THE OPERATOR OF THE HI-RAIL VEHICLE FAILED TO ASCERTAIN THAT TRAIN NO. 01121 HAD PASSED BEFORE ATTEMPTING TO OCCUPY THE MAIN TRACK AS REQUIRED BY THE INSTRUCTIONS STATED ON HIS TRACK PERMIT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP TRRA	08/05/90	02:40 AM	ST LOUIS	MO	DERAILMENT	0	0	\$ 12,600
149			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 1 AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NPMEZ	9 MPH
			PROBABLE CAUSE:	BROKEN RAIL (DETAIL FRACTURE).				
UP	08/05/90	03:40 PM	THORTON	CA	DERAILMENT	0	0	\$ 2,296,000
150			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	2NPST	55 MPH
			PROBABLE CAUSE:	IRREGULAR TRACK ALIGNMENT (BUCKLED).				
SP	08/05/90	10:30 AM	TUCSON	AZ	OTHER	0	1	\$ 68,300
151			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED: CROSSING PROTECTION	YARD 1 YARD RULES	MOVEMENTS INVOLVED:	CUT OF CARS CUT OF CARS		0 MPH 30 MPH
				2 CAR(S) YES	NUMBER EVACUATED:	50		
			PROBABLE CAUSE:	THE TRAIN CREW FAILED TO PROPERLY SECURE A CUT OF EIGHT CARS IN A YARD TRACK.				

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CV	08/07/90	12:45 AM	SHARON	VT	DERAILMENT	0	2	\$ 1,184,993
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
152			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	447	42 MPH
			EQUIPMENT DERAILED:	5 LOCOMOTIVE(S)				
				9 CAR(S)				
			CROSSING PROTECTION					
			PROBABLE CAUSE: A FLASH FLOOD SATURATED THE FILL SECTION OF THE MAIN TRACK AND CAUSED IT TO WEAKEN AND PARTIALLY COLLAPSE.					
UP	08/07/90	05:45 PM	RED BUTTES	WY	DERAILMENT	0	0	\$ 978,299
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
153			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NPLAZ	62 MPH
			EQUIPMENT DERAILED:	21 CAR(S)				
			CROSSING PROTECTION					
			PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED).					
			CONTRIBUTING FACTORS: THE M OF W FOREMAN FAILED TO KEEP A SPEED RESTRICTION IN EFFECT ON SURFACED TRACK AS REQUIRED FOR THE TIME LIMITS AND WEATHER CONDITIONS AS ESTABLISHED IN THE CARRIER'S ENGINEERING DEPARTMENT STANDARDS AND PROCEDURES.					
SOU	08/09/90	02:30 PM	HARRISBURG	NC	HIGHWAY-RAIL CROSSING	2	1	\$ 1,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
154			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	173P1	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
			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
SOU	08/09/90	3:13 AM	SUGAR VALLEY	GA	SIDE COLLISION	3	4	\$ 1,887,717
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
155			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	G38	42 MPH
						FREIGHT TRAIN	188	28 MPH
			EQUIPMENT DERAILED:	4 LOCOMOTIVE(S)				
				14 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE CREWMEMBERS ON TRAIN NO. 188 TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

NW	08/11/90	01:10 AM	SUTHERLAND	VA	HIGHWAY-RAIL CROSSING	2	1	\$ 200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
156			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	812VI	18 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	08/13/90	01:15 PM	MERKEL	TX	HIGHWAY-RAIL CROSSING	3	0	\$ 2,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
157			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	EPFW	50 MPH
				TRACK WARRANT CONTROL				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	08/16/90	03:22 PM	GALVESTON	TX	HIGHWAY-RAIL CROSSING	1	0	\$ 200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
158			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	PASSENGER TRAIN	TXLTD	20 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
CR	08/18/90	03:55 AM	FRANKLINVILLE	NY	HIGHWAY-RAIL CROSSING	3	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
159			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	BUEN7	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.11 PERCENT.

ATK	08/19/90	02:40 PM	WINSLOW	NJ	DERAILMENT	0	6	\$ 82,500
			TYPE OF TRACK:	SIDING				
			CLASS OF TRACK:	2				
160			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	680	30 MPH
				AUTO TRAIN STOP				
				CAB SIGNAL				
				AUTO TRAIN CONTROL				
			EQUIPMENT DERAILED:	4 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: UNDETERMINED.

TCRO	08/20/90	1:50 PM	HIALEAH	FL	HIGHWAY-RAIL CROSSING	1	4	\$ 2,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
161			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	P209	8 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE TRAIN CREW TO FLAG 79TH STREET HIGHWAY-RAIL GRADE CROSSING AS REQUIRED BY TRAIN BULLETIN.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK CSX	08/23/90	07:27 PM	MONON	IN	HIGHWAY-RAIL CROSSING	4	0	\$ 0
162			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 4 DIRECT TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN	318	50 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.								
CR	08/25/90	06:50 AM	KEATING	PA	DERAILMENT	0	3	\$ 120,000
163			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 3 MANUAL BLOCK 2 LOCOMOTIVE(S) 15 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN	UFY13	32 MPH	
PROBABLE CAUSE: MUD SLIDE COVERED TRACK STRUCTURE.								
SP	08/25/90	07:35 AM	DELANO	CA	HIGHWAY-RAIL CROSSING	4	1	\$ 1,500
164			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 5 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN	LABRF	70 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
BLE	08/28/90	04:06 PM	CONNEAUT	OH	DERAILMENT	0	0	\$ 271,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
165			METHOD OF OPERATION:	STAFF SYSTEM	MOVEMENTS INVOLVED:	FREIGHT TRAIN	861	17 MPH
			EQUIPMENT DERAILED:	28 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: UNDETERMINED								
CR	08/29/90	06:01 AM	LATROBE	PA	DERAILMENT	0	0	\$ 349,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
166			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	PIBA9	38 MPH
				CAB SIGNAL				
			EQUIPMENT DERAILED:	18 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: IMPROPER TRAIN HANDLING BY THE ENGINEER OF TRAIN PIBA9 RESULTED IN EXCESSIVE SLACK ACTION.								
UP	08/31/90	07:00 AM	KEMMERER	WY	DERAILMENT	0	0	\$ 570,801
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
167			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MKTA4	34 MPH
			EQUIPMENT DERAILED:	6 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: BROKEN RAIL DUE TO DETAIL FRACTURE FROM HEAD CHECK.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	09/06/90	10:17 PM	CAJON	CA	DERAILMENT	0	0	\$ 102,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
168			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	SLACH	24 MPH
			EQUIPMENT DERAILED:	7 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES ON THE REAR OF THE TRAIN DUE TO THE HELPER LOCOMOTIVE ENGINEER'S FAILURE TO PROPERLY CONTROL POWER.								
UP	09/07/90	07:25 AM	DUDLEY	MO	DERAILMENT	0	0	\$ 686,582
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
169			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NLASZ	44 MPH
			EQUIPMENT DERAILED:	17 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: IMPROPER USE OF THE DYNAMIC BRAKE.								
SP UP	09/09/90	09:45 AM	PICO RIVERA	CA	OTHER	0	0	\$ 386,232
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
170			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	CUT OF CARS LIGHT LOCO(S)	LASCF	43 MPH 0 MPH
			EQUIPMENT DERAILED:	12 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	35		
			CROSSING PROTECTION					
PROBABLE CAUSE: THE SP YARD CREW FAILED TO PROPERLY SECURE A CUT OF 14 CARS PRIOR TO COUPLING. COUPLING ATTEMPT FAILED AND THE CARS ROLLED OUT OF THE YARD TRACK STRIKING THE UP LOCOMOTIVES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	09/10/90	10:40 PM	NEWBY	TX	DERAILMENT	0	4	\$ 249,861
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
171			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO152	40 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)				
				15 CAR(S)				
			CROSSING PROTECTION					
			PROBABLE CAUSE:	TRACK STRUCTURE WASHOUT.				
SR	09/12/90	12:30 AM	CORINTH	MS	DERAILMENT	0	0	\$ 4,000
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
172			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1063	6 MPH
			EQUIPMENT DERAILED:	3 CAR(S)				
			CROSSING PROTECTION					
			PROBABLE CAUSE:	EXCESSIVE BUFF (COMPRESSIVE) FORCES RESULTING FROM IMPROPER TRAIN HANDLING CAUSED THE R-4 WHEEL ON ICG 764661 TO LIFT OFF AND DERAIL.				
CSX	09/13/90	05:35 PM	BELTSVILLE	MD	REAR-END COLLISION	0	0	\$ 10,100
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
173			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R377	0 MPH
						FREIGHT TRAIN	B866	23 MPH
			EQUIPMENT DERAILED:	1 CAR(S)				
			CROSSING PROTECTION					
			PROBABLE CAUSE:	ENGINEER OF TRAIN B866 FAILED TO OPERATE HIS TRAIN IN ACCORDANCE WITH A RESTRICTED PROCEED SIGNAL INDICATION.				

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	09/15/90	06:30 PM	FONTANA	KS	DERAILMENT	0	2	\$ 414,773
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
174			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	181N	48 MPH
			EQUIPMENT DERAILED:	31 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE AND IRREGULAR CROSS LEVEL ON TANGENT TRACK.								
UP	09/17/90	4:45 AM	CHIDESTER	AR	DERAILMENT	0	4	\$ 309,013
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
175			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LRH50	25 MPH
			EQUIPMENT DERAILED:	NONE				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	200		
			CROSSING PROTECTION					
PROBABLE CAUSE: COVER PLATE ON THE SIDE BEARING OF CCX 200 PREVENTED THE TRUCK FROM PROPERLY ROTATING AND CAUSED THE L-4 WHEEL TO CLIMB THE WEST RAIL.								
ATK MDT	09/21/90	11:03 AM	BALTIMORE	MD	REAR-END COLLISION	0	20	\$ 427
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
176			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	410	9 MPH
				AUTO TRAIN CONTROL		PASSENGER TRAIN	86	0 MPH
				CAB SIGNAL				
				AUTO TRAIN STOP				
			EQUIPMENT DERAILED:	NONE				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	0		
			CROSSING PROTECTION					
PROBABLE CAUSE: THE ENGINEER OF MARC TRAIN NO. 410 FAILED TO OPERATE HIS TRAIN IN ACCORDANCE WITH A RESTRICTED SPEED SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CNW	09/22/90	07:00 AM	WADSWORTH	IL	HIGHWAY-RAIL CROSSING	2	0	\$ 250
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
177			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	EM211	50 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

CSX	09/22/90	12:40 AM	SHAVERSVILLE	WV	DERAILMENT	0	0	\$ 978,876
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
178			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	8578	43 MPH
			EQUIPMENT DERAILED:	44 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE CREW OF EXTRA 8578 EAST FAILED TO CONTROL THE SPEED OF THEIR TRAIN IN ACCORDANCE WITH A 10 MPH SPEED RESTRICTION AS REQUIRED BY THE SUPERINTENDENT'S BULLETIN.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	09/23/90	05:00 AM	MARSH	AZ	DERAILMENT	0	0	\$ 354,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
179			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	DHWCM	28 MPH
			EQUIPMENT DERAILED:	26 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES CREATED BY IMPROPER TRAIN HANDLING.								
CSX	09/24/90	3:30 AM	COLUMBUS	OH	DERAILMENT	0	0	\$ 52,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
180			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R3012	34 MPH
				YARD LIMITS				
			EQUIPMENT DERAILED:	8 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	12		
			CROSSING PROTECTION					
PROBABLE CAUSE: BROKEN RAIL (DETAIL FRACTURE).								
CSX	09/26/90	09:42 AM	JACKSONVILLE	FL	HEAD-END COLLISION	0	3	\$ 0
SJRT								
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	2				
181			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	YARD/SWITCHING	12726	7 MPH
						YARD/SWITCHING	CJ02	0 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE ENGINEER FAILED TO OPERATE CSX TRAIN Y12726 AT A SPEED THAT WOULD PERMIT STOPPING SHORT OF CSX TRAIN CJ02.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	09/27/90	4:52 AM	CHAMISO	AZ	HEAD-END COLLISION	0	3	\$ 2,018,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
182			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	9619	20 MPH
						FREIGHT TRAIN	9704	0 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE TRAIN CREW OF SP 9704 WEST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

ATSF	09/28/90	02:00 AM	LUDLOW	CA	DERAILMENT	0	0	\$ 262,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
183			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	5386	31 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	12 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: HIGH LATERAL FORCES CAUSED THE RAILS TO SPREAD. THE FORCES WERE GENERATED BY THE RESTRICTED MOVEMENT OF THE CONNECTORS BETWEEN FIVE PLATFORM DOUBLE STACK ARTICULATED CARS AS THEY NEGOTIATED A 04-DEGREE 07-MINUTE CURVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	09/29/90	12:25 PM	BRIGHTON	CO	HIGHWAY-RAIL CROSSING	0	2	\$ 50
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
184			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LYGO1	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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	10/02/90	9:35 PM	MUSCATINE	IA	SIDE COLLISION	0	1	\$ 446,038
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
185			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	4409	0 MPH
				AUTOMATIC BLOCK		FREIGHT TRAIN	6037	17 MPH
				YARD LIMITS				
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)				
				11 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: FAILURE OF THE CREWMEMBERS ON SOO 6037 EAST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NJTR	10/03/90	01:30 AM	TRENTON	NJ	DERAILMENT	0	0	\$ 9,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
186			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	1481	5 MPH
			EQUIPMENT DERAILED:	1 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE CREW MADE A REVERSE INTERLOCKING MOVEMENT WITHOUT A PROPER SIGNAL INDICATION OR PERMISSION FROM THE TRAIN DISPATCHER OR OPERATOR.

CR	10/03/90	09:40 PM	EAST LAKE	OH	HIGHWAY-RAIL CROSSING	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
187			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TVLA3	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	10/04/90	11:25 AM	ATMORE	AL	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
188			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	52304	45 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
SP	10/05/90	05:40 PM	HONDO	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 250
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
189			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MBSMF	55 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								
ATSF	10/08/90	10:11 AM	HIGHLAND PARK	CA	DERAILMENT	0	0	\$ 129,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
190			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1588	16 MPH
			EQUIPMENT DERAILED:	10 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: INTERACTION OF LATERAL/VERTICAL FORCES CAUSED THE INSIDE RAIL TO CANT AND WIDEN THE TRACK GAGE.								
ATK SP	10/10/90	10:10 AM	WALLER	TX	HIGHWAY-RAIL CROSSING	1	1	\$ 17,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
191			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	522	55 MPH
				DIRECT TRAFFIC CONTROL				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE TRACTOR TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	10/15/90	12:35 PM	LEWISBURG	TN	DERAILMENT	0	0	\$ 747,200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
192			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R572	58 MPH
			EQUIPMENT DERAILED:	22 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	40		
			CROSSING PROTECTION					

PROBABLE CAUSE: HIGH SPEED OSCILLATION (HUNTING) BY THE LEAD TRUCK OF EMPTY GONDOLA, CO 362993, THE 4TH CAR IN THE TRAIN.

NW	10/17/90	10:50 AM	UNIONVILLE	OH	HIGHWAY-RAIL CROSSING	2	0	\$ 563
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
193			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	669	49 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	10/18/90	12:35 AM	AMARILLO	TX	HIGHWAY-RAIL CROSSING	3	0	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
194			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED: FREIGHT TRAIN		270TT	5 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.30 PERCENT.

BAR	10/19/90	12:05 AM	BROWNSVILLE	ME	DERAILMENT	0	0	\$ 62,807
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
195			METHOD OF OPERATION:	VOICE CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		NMT/A	32 MPH
			EQUIPMENT DERAILED:	10 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED PLAIN BEARING AT THE R-4 LOCATION ON GONDOLA MEC 14137.

CSX	10/19/90	02:25 AM	MCCORMICK	SC	DERAILMENT	0	0	\$ 371,400
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
196			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		R691	37 MPH
			EQUIPMENT DERAILED:	17 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED: 500			
			CROSSING PROTECTION					

PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE R-1 LOCATION ON BULK HEAD FLAT CAR SAL 44672.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	10/19/90	06:55 PM	ALIX	AR	HIGHWAY-RAIL CROSSING	3	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
197			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LVR56	48 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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 0.17 PERCENT.

BN	10/19/90	9:45 PM	LYONS	ND	REAR-END COLLISION	1	1	\$ 1,264,300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
198			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	99YY2	0 MPH
				AUTOMATIC BLOCK		FREIGHT TRAIN	316DD	7 MPH
						FREIGHT TRAIN	210RC	26 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				32 CAR(S)				
				1 CABOOSE(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE CREW OF TRAIN NO. 210RC TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A RESTRICTED SPEED SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	10/21/90	05:25 PM	ST. LOUIS	MO	DERAILMENT	0	0	\$ 18,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
199			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1143	10 MPH
			EQUIPMENT DERAILED:	9 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES DUE TO TRAIN MAKE-UP.								
CR	10/23/90	03:41 PM	WASHINGTON, D.C.	DC	DERAILMENT	0	0	\$ 10,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
200			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CSAL3	21 MPH
			EQUIPMENT DERAILED:	22 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE TRUCK ON THE "A", LEADING END, OF A LOADED BULK HEAD FLAT CAR WAS OFF CENTER AND RIGID.								
SOU	10/23/90	06:20 AM	ST. MATTHEWS	SC	DERAILMENT	1	1	\$ 88,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
201			METHOD OF OPERATION:	TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	172	12 MPH
			EQUIPMENT DERAILED:	7 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: WASHOUT								
CONTRIBUTING FACTORS: HEAVY RAIN STORMS. THE DRAINAGE DITCH AND 36 INCH CULVERT COULD NOT HANDLE THE RUNOFF OF WATER IN THE ACCIDENT AREA.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK UP	10/27/90	09:44 PM	SCHERTZ	TX	HIGHWAY-RAIL CROSSING	2	0	\$ 10,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
202			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	21	62 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

SP	10/27/90	06:50 PM	BANNING	CA	HIGHWAY-RAIL CROSSING	2	0	\$ 150
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
203			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	LIGHT LOCO(S)	WH911	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX SJRT	10/27/90	06:23 PM	JACKSONVILLE	FL	SIDE COLLISION	0	0	\$ 10,500
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
204			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	YARD/SWITCHING	Y204	1 MPH
						YARD/SWITCHING	CJ22	2 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 1 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE ENGINEER ON CSX TRAIN Y204 FAILED TO STOP SHORT OF SJRT TRAIN CJ22.								

UP	11/04/90	06:40 PM	MONROE	LA	HIGHWAY-RAIL CROSSING	2	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
205			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NLAV4	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	11/04/90	6:40 AM	OREGON	IL	SIDE COLLISION	0	4	\$ 1,176,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
206			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01040	15 MPH
						FREIGHT TRAIN	01047	12 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 11 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	6		
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE TRAIN CREW OF SOO 01040 TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

CONTRIBUTING FACTORS: FAILURE OF THE TRAIN CREW TO OBSERVE AND CALL SIGNALS AS REQUIRED BY CARRIER RULES.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	11/07/90	4:10 AM	CORONA	CA	HEAD-END COLLISION	4	2	\$ 3,930,339
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
207			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	89107	29 MPH
						FREIGHT TRAIN	81807	3 MPH
			EQUIPMENT DERAILED:	6 LOCOMOTIVE(S) 8 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE CREW OF TRAIN NO. 81807 FAILED TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION AND FOULED THE MAIN TRACK IN ADVANCE OF TRAIN NO. 89107.

RFP	11/07/90	05:58 AM	WOODBIDGE	VA	DERAILMENT	0	0	\$ 167,740
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
208			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R405	56 MPH
				CAB SIGNAL				
			EQUIPMENT DERAILED:	11 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: MISSING DRAFT GEAR KEY ON THE SOUTH END OF OF THE 72ND CAR IN THE TRAIN PERMITTED THE COUPLER TO BE PULLED OUT OF THE DRAFT GEAR AND FALL WITHIN THE GAGE OF THE TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	11/07/90	05:30 AM	TIPTON	WY	DERAILMENT	0	0	\$ 1,195,800
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
209			METHOD OF OPERATION:	AUTOMATIC BLOCK CAB SIGNAL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NPLAC	60 MPH
			EQUIPMENT DERAILED:	41 CAR(S)				
			CROSSING PROTECTION					
			PROBABLE CAUSE: BROKEN RAIL AT A FIELD WELDED RAIL JOINT.					
CR	11/07/90	02:05 PM	SAYBROOK	OH	HIGHWAY-RAIL CROSSING	3	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
210			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TV7	35 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
			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	11/08/90	10:45 AM	AUGUSTA	KS	HIGHWAY-RAIL CROSSING	0	3	\$ 372,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
211			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	91666	40 MPH
			EQUIPMENT DERAILED:	4 LOCOMOTIVE(S) 5 CAR(S)				
			CROSSING PROTECTION					
			PROBABLE CAUSE: THE TRACTOR TRAILER OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO A PASSING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.					

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NYSW	11/09/90	09:58 AM	SPARTA	NJ	OTHER	0	0	\$ 35,000
			TYPE OF TRACK:		SIDING			
			CLASS OF TRACK:		1			
212			METHOD OF OPERATION:		YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	SU100 UNK MPH
							SINGLE CAR	4 MPH
			EQUIPMENT DERAILED:		1 CAR(S)			
			CROSSING PROTECTION					
PROBABLE CAUSE: THE CONDUCTOR FAILED TO PROPERLY SECURE A STANDING CAR.								
BN	11/13/90	02:05 PM	HOLDENVILLE	OK	HIGHWAY-RAIL CROSSING	3	0	\$ 0
			TYPE OF TRACK:		MAIN			
			CLASS OF TRACK:		4			
213			METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	15212 55 MPH
			EQUIPMENT DERAILED:		NONE			
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								
SEPA	11/15/90	07:20 AM	TRENTON	NJ	DERAILMENT	0	0	\$ 300
			TYPE OF TRACK:		YARD			
			CLASS OF TRACK:		1			
214			METHOD OF OPERATION:		INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	9726 4 MPH
			EQUIPMENT DERAILED:		2 LOCOMOTIVE(S)			
			CROSSING PROTECTION					
PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT.								
CONTRIBUTING FACTORS: AMTRAK PERSONNEL FAILED TO CORRECT ALIGNMENT DEVIATION AFTER 10-29-90 DERAILEMENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK CNW	11/15/90	03:26 PM	CHICAGO	IL	SIDE COLLISION	0	6	\$ 13,408
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
215			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	7	20 MPH
						MOW EQUIPMENT	TM95	UNK MPH
			EQUIPMENT DERAILED:	7 LOCOMOTIVE(S)				
				1 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: INTERFERENCE OF THE INTERLOCKING MACHINE BY THE CONTROL OPERATOR WITHOUT TAKING MEASURES TO PROTECT THE SAFETY OF TRAIN OPERATIONS.								
CONTRIBUTING FACTORS: FAILURE OF THE CNW M OF W FOREMAN TO OBTAIN VERBAL PERMISSION FROM THE CONTROL OPERATOR, AS REQUIRED BY CARRIER RULES, BEFORE PROCEEDING THROUGH THE INTERLOCKING.								
S00	11/16/90	7:23 AM	MILTONA	MN	HIGHWAY-RAIL CROSSING	3	21	\$ 1,645
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
216			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	941	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE SCHOOL BUS 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
CSX	11/16/90	10:00 PM	WOFFORD	KY	HIGHWAY-RAIL CROSSING	2	1	\$ 200
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
217			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	E880	35 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

PW	11/18/90	09:20 PM	DAYVILLE	CT	DERAILMENT	0	0	\$ 541,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
218			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NRWO	40 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 9 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: A SWITCH WAS IMPROPERLY ALIGNED FOR A DIVERTING MOVEMENT INTO A SIDING. THE LOCK TO THE SWITCH HAD BEEN VANDALIZED AND REMOVED BY A TRESPASSER.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
IAIS	11/18/90	06:00 PM	MALCOM	IA	DERAILMENT	0	0	\$ 815,500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
219			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	481	40 MPH
			EQUIPMENT DERAILED:	2 LOCOMOTIVE(S) 30 CAR(S)				
			HAZARDOUS MATERIALS RELEASED:	YES	NUMBER EVACUATED:	18		
			CROSSING PROTECTION					
PROBABLE CAUSE: BURNED OFF JOURNAL DUE TO A FAILED ROLLER BEARING AT THE L-1 LOCATION ON LOCOMOTIVE IAIS 471.								
BN	11/18/90	03:40 PM	FROMBERG	MT	HIGHWAY-RAIL CROSSING	4	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
220			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	19515	44 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-GRADE CROSSING.								
CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL MEASURED AT 0.11 PERCENT.								
BN	11/25/90	02:15 AM	CROOKSTON	MN	HIGHWAY-RAIL CROSSING	3	0	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
221			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	01897	0 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO A STANDING TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	11/26/90	08:45 AM	ESSEX	CA	DERAILMENT	0	0	\$ 770,662
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
222			METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	QDABA	43 MPH
				AUTOMATIC BLOCK		WORK TRAIN	WACO	0 MPH
			EQUIPMENT DERAILED:	25 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE AIR DUMP CAR ACTIVATED WHEN THE AIR LINE WAS CONNECTED, AND DUMPED RIPRAP FROM THE WRONG SIDE OF THE CAR ONTO THE PASSING WEST BOUND TRAIN.

CR	11/27/90	04:27 PM	ALLIANCE	OH	HIGHWAY-RAIL CROSSING		2	\$ 500
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
223			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	ENS20	58 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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
ATK/ ATSF	11/29/90	05:45 AM	KLEINFELTER	CA	OTHER	1	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
224			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN		3	50 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
			PROBABLE CAUSE: PASSENGER APPARENTLY JUMPED FROM THE TRAIN FOR UNKNOWN REASONS.					
ATSF	12/01/90	12:30 AM	BURLINGAME	KS	HIGHWAY-RAIL CROSSING	2	0	\$ 271
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
225			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		1326	55 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
			PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.					
MP	12/02/90	12:40 AM	HOLDEN	MO	HIGHWAY-RAIL CROSSING	3	0	\$ 900
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
226			METHOD OF OPERATION:	TRACK WARRANT CONTROL AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		ASNCC	52 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
			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	12/03/90	07:10 PM	THOMPSON FALLS	MT	DERAILMENT	0	0	\$ 804,900
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
227			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	OIG15	35 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: BROKEN RAIL (DETAIL FRACTURE).

SSW	12/05/90	08:15 AM	PLAIN DEALING	LA	HIGHWAY-RAIL CROSSING	2	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	5				
228			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	PBTQX	40 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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

CCCL	12/05/90	01:31 PM	MIDDLETOWN	CT	HIGHWAY-RAIL CROSSING	0	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
229			METHOD OF OPERATION:	YARD LIMITS	MOVEMENTS INVOLVED:	FREIGHT TRAIN	WX35	10 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

PROBABLE CAUSE: THE SCHOOL BUS DRIVER FAILED TO YIELD THE RIGHT-OF-WAY TO A PASSING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING. (THERE WERE NO PASSENGERS ON THE BUS).

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	12/07/90	10:45 AM	MULDOON	TX	HIGHWAY-RAIL CROSSING	1	3	\$ 2,839,348
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
230			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	CHEGA	50 MPH
				DIRECT TRAFFIC CONTROL				
			EQUIPMENT DERAILED:	4 LOCOMOTIVE(S)				
				23 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE DUMP TRUCK DRIVER FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								

SOU	12/09/90	01:30 AM	NEW ORLEANS	LA	DERAILMENT	0	0	\$ 133,950
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
231			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	314	20 MPH
			EQUIPMENT DERAILED:	8 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT DUE TO LATERAL MOVEMENT OF THE OPEN DECK TIMBER TRESTLE BRIDGE.								

CR	12/09/90	08:20 PM	COLUMBUS	OH	DERAILMENT	0	0	\$ 88,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
232			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TV5	24 MPH
			EQUIPMENT DERAILED:	5 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: LOAD HEIGHT EXCEEDED ALLOWABLE LIMIT FOR ROUTE SELECTED.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	12/10/90	12:25 AM	FLATONIA	TX	HIGHWAY-RAIL CROSSING	2	1	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
233			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NOCIM	35 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	12/12/90	8:22 AM	BOSTON	MA	DERAILMENT	0	451	\$11,145,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
234			METHOD OF OPERATION:	AUTO TRAIN CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	066	76 MPH
				AUTO TRAIN STOP		PASSENGER TRAIN	906	05 MPH
				TRAFFIC CONTROL				
				CAB SIGNAL				
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)				
				7 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE CREW OF ATK NO. 66 TO PROPERLY CONTROL THE SPEED OF THEIR TRAIN. TRAIN 66 ENTERED A CURVE HAVING A MAXIMUM AUTHORIZED SPEED OF 30 MPH AT 76 MPH.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK/ GTW	12/17/90	01:02 PM	CHARLOTTE	MI	HIGHWAY-RAIL CROSSING	2	0	\$ 14,715
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
235			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	64	65 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.								
BN TRRA	12/19/90	07:00 AM	ST. LOUIS	MO	DERAILMENT	0	0	\$ 136,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
236			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	143	10 MPH
			EQUIPMENT DERAILED:	13 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: EXCESSIVE BUFF (COMPRESSIVE) FORCES CAUSED BY IMPROPER TRAIN HANDLING.								
ATK SP	12/21/90	10:52 AM	CHATSWORTH	CA	HIGHWAY-RAIL CROSSING	4	0	\$ 0
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
237			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	13	55 MPH
				DIRECT TRAFFIC CONTROL				
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					
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
MRL	12/22/90	04:15 PM	KOOTENAI	ID	HIGHWAY-RAIL CROSSING	3	0	\$ 300
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
238			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MRL01	45 MPH
			EQUIPMENT DERAILED:	NONE				
			CROSSING PROTECTION					

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	12/28/90	11:30 AM	DIGGINS	MO	HEAD-END COLLISION	0	8	\$ 423,400
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
239			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	17428	10 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)		FREIGHT TRAIN	95681	20 MPH
				7 CAR(S)				
			CROSSING PROTECTION					

PROBABLE CAUSE: FAILURE OF THE CREW ON BN TRAIN NO. 17428 SOUTH TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NIRC ATK	12/31/90	02:00 PM	CHICAGO	IL	DERAILMENT	0	0	\$ 2,000,000
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
240			METHOD OF OPERATION:	TRAFFIC CONTROL INTERLOCKING	MOVEMENTS INVOLVED:	PASSENGER TRAIN	410	30 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 4 CAR(S)				
			CROSSING PROTECTION					
PROBABLE CAUSE: ELECTRICIAN FAILED TO PROPERLY SECURE THE TRAIN CONSIST AFTER HE CONCLUDED ELECTRICAL TESTING.								

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