

RRS-22

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June 1988

Summary of Accidents Investigated by the Federal Railroad Administration Calendar Year 1986



U.S. Department
of Transportation

**Federal Railroad
Administration**

INTRODUCTION

The 1986 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 256 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 type and class of track
- o the number of casualties
- o the estimated cost of railroad damages
- o the probable cause and any contributing factors(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 1986, the Federal Railroad Administration investigated and determined the probable cause of 256 railroad accidents.

2. <u>Type of Accident</u>	<u>No.</u>	<u>Percent</u>
(a) Derailment	108	42.2
(b) Head-End Collision	8	3.0
(c) Rear-End Collision	12	4.7
(d) Side Collision	3	1.2
(e) Raking	2	.8
(f) Broken Train Collision	2	.8
(g) Rail-Highway Crossing	109	42.6
(h) Obstruction	1	.4
(i) Other	3	1.2
(j) Fire or Violent Rupture	1	.4
(k) RR Grade Crossings	2	.8
(l) Other Collisions	5	1.9
Total	256	100.0

3. Accident Cause

(a) Track Roadbed and Structure	37	14.5
(b) Mechanical and Electrical Failure	35	13.7
(c) Train Operation-Human Factor	58	22.7
(d) Miscellaneous	17	6.6
(e) Rail-Highway Crossing	109	42.5
Total	256	100.0

4. Casualties

(a) Killed	230
(b) Injured	1,448
Total	1,678

ACCIDENT SUMMARY BY TRACK CLASS, DAMAGES, TYPE AND CAUSE

TRACK CLASS	ACCID ENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLI SIONS	DERAIL MENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
X	1	\$28,000	\$25,000	\$3,000	---	1	---	1	---	---	---
1	14	\$664,046	\$393,846	\$270,200	2	8	4	3	2	6	3
2	32	\$4,053,528	\$3,760,369	\$293,159	10	14	8	6	1	17	8
3	60	\$13,852,206	\$12,209,306	\$1,642,900	7	32	21	13	8	15	24
4	125	\$24,666,261	\$22,209,805	\$2,456,456	7	47	71	14	22	14	75
5	24	\$5,884,763	\$5,466,623	\$418,140	3	6	15	---	2	6	16
TOTAL	256	\$49,148,804	\$44,064,949	\$5,083,855	29	108	119	37	35	58	126

INVOLVEMENT OF TRAIN ACCIDENTS BY RAILROAD, TYPE, AND CAUSE

	COLLISIONS				DERAILMENTS				OTHER				TOTAL ACCIDENTS
	DEFECTS				DEFECTS				DEFECTS				
	HUMAN FACTORS	EQUIP	TRACK	OTHER	HUMAN FACTORS	EQUIP	TRACK	OTHER	HUMAN FACTORS	EQUIP	TRACK	OTHER	
AMTRAK (NATIONAL RAILROAD PASSENGER CORPORAT	---	---	---	---	5	2	4	---	2	---	---	24	37
ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPAN	2	---	---	1	4	4	1	2	1	---	---	11	26
BOSTON AND MAINE CORPORATION	1	---	---	---	---	---	---	---	1	---	---	1	3
BURLINGTON NORTHERN RAILROAD COMPANY	3	---	1	1	2	4	5	2	1	---	---	15	34
BOONE SCENIC VALLEY	---	1	---	---	---	---	---	---	---	---	---	---	1
CENTRAL OF GEORGIA RAILROAD COMPANY	---	---	---	---	---	---	---	---	---	---	---	2	2
CHICAGO AND NORTH WESTERN TRANSPORTATION COM	---	1	---	---	1	---	2	1	---	---	---	1	6
CONSOLIDATED RAIL CORPORATION	5	---	---	1	2	4	---	---	1	---	---	4	17
CAROLINA AND NORTHWESTERN RAILWAY COMPANY	---	---	---	---	---	---	---	---	---	---	---	1	1
CHESSIE SYSTEM RAILROADS	2	---	---	1	1	1	3	3	1	---	---	5	17
CHICAGO SOUTH SHORE AND SOUTH BEND RAILROAD	---	---	---	---	---	---	---	---	---	---	---	1	1
CSX TRANSPORTATION	2	---	---	---	2	2	9	1	1	---	---	14	31
DENVER AND RIO GRANDE WESTERN RAILROAD COMPA	---	---	---	---	1	---	---	---	---	---	---	---	1
FLORIDA EAST COAST RAILWAY COMPANY	---	---	---	---	---	---	---	---	---	---	---	1	1
GRAND TRUNK WESTERN RAILROAD COMPANY	---	---	---	---	---	---	---	1	---	---	---	1	2
ILLINOIS CENTRAL GULF RAILROAD COMPANY	1	---	---	---	2	---	1	---	---	---	---	3	7
KANSAS CITY SOUTHERN RAILWAY COMPANY	---	---	---	---	1	---	2	---	---	---	---	1	4
KYLE RAILROAD COMPANY	2	---	---	---	---	---	---	---	---	---	---	---	2
LOUISIANA & ARKANSAS RAILWAY COMPANY	1	---	---	---	---	---	---	---	---	---	---	2	3
LONG ISLAND RAIL ROAD	---	---	---	---	---	---	---	---	---	---	---	1	1
LAKE SUPERIOR TERMINAL & TRANSFER RAILWAY CO	---	---	---	---	---	---	---	---	---	---	---	1	1
MAINE CENTRAL RAILROAD COMPANY	---	---	---	---	---	---	---	---	---	---	---	1	1
MISSOURI-KANSAS-TEXAS RAILROAD COMPANY	---	---	---	---	2	1	---	---	---	---	---	1	4
METRO NORTH COMMUTER RAILROAD COMPANY	1	---	---	---	---	1	---	---	---	---	---	---	2
NORTHEAST ILLINOIS REGIONAL COMMUTER RAIL CO	---	---	---	---	---	---	---	---	---	---	---	1	1
NEW JERSEY TRANSIT RAIL OPERATIONS	---	---	---	---	---	---	2	---	---	---	---	---	2
NEW ORLEANS TERMINAL COMPANY	---	---	---	---	1	---	---	---	---	---	---	---	1
NORFOLK AND WESTERN RAILWAY COMPANY	---	---	---	---	---	1	2	1	---	---	---	4	8
NEW YORK, SUSQUEHANNA AND WESTERN RAILROAD C	---	---	---	---	---	---	2	---	---	---	---	---	2
PORT AUTHORITY TRANS HUDSON	---	---	---	---	---	---	---	---	---	1	---	---	1
ROCHESTER SOUTHERN RAILROAD, INC.	---	---	---	---	---	---	1	---	---	---	---	---	1
SOUTH BRANCH VALLEY RAILROAD	---	---	---	---	---	---	---	---	1	---	---	---	1
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUT	1	---	---	---	---	---	---	---	---	---	---	1	2
SOO LINE RAILROAD COMPANY	---	---	---	---	1	1	1	---	---	---	---	1	4
SOUTHERN RAILWAY COMPANY	---	---	---	---	---	---	---	---	---	---	---	4	4
SOUTHERN PACIFIC TRANSPORTATION COMPANY	1	---	---	1	3	4	4	---	---	---	---	12	25
ST. LOUIS SOUTHWESTERN RAILWAY COMPANY	1	---	---	---	---	---	---	1	---	---	---	4	6
UNION PACIFIC RAILROAD COMPANY	4	---	---	---	4	11	2	---	---	---	---	18	39
WISCONSIN CALUMET RAILROAD	---	---	---	---	---	---	---	---	---	---	---	1	1
	27	2	1	5	32	36	41	12	9	1	---	137	303

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1	ATSF	ST FRANCIS	TX	01/01/86	1
2	CSX/ ATK	PARR	IN	01/04/86	1
3	SSW	BERNIE	MO	01/07/86	2
4	CSRR	PEMBERTON	VA	01/08/86	2
5	SP	OAK GROVE	CA	01/11/86	2
6	SP/ ATK	MOORPARK	CA	01/13/86	3
7	SP/ ATK	DEL RIO	TX	01/17/86	3
8	KCS	FORBING	LA	01/17/86	3
9	CSX	LIVE OAK	FL	01/18/86	4
10	UP	POPLAR BLUFF	MO	01/19/86	4
11	BN/ ATK	NISQUALLY	WA	01/19/86	4
12	UP/ BN	LAMAR	MO	01/20/86	5
13	KYLE	STUTTGART	KS	01/21/86	5
14	CR/	WASHINGTON	MA	01/24/86	6
15	CR/ ATK	PORTER	IN	01/24/86	6
16	BM	CHELSEA	MA	01/25/86	6
17	SP	SPARKS	NV	01/25/86	7
18	PATH	JERSEY CITY	NJ	01/27/86	7
19	CSRR	AUBURN	IN	01/27/86	7
20	ATSF	LEVY	NM	01/28/86	8
21	BN	ALICEVILLE	AL	01/29/86	8
22	CR	SOUTH FORK	PA	01/29/86	9
23	UP/ SSW	KANSAS CITY	KS	01/30/86	9
24	UP	BIGGS	OR	01/31/86	9
25	CSRR	NORTH BALTIMORE	OH	01/31/86	10
26	SOD	WINONA	MN	02/01/86	10
27	SEPA	WESTTOWN	PA	02/05/86	11
28	DRGW	CANON CITY	CO	02/13/86	11
29	CR	CANNON	PA	02/17/86	12
30	CSX	DELRAY BEACH	FL	02/18/86	12
31	BN	HARTLEY	TX	02/19/86	12
32	ICG/ ATK	BRIDGEPORT	IL	02/21/86	13
33	SP	GREGORY	TX	02/24/86	13
34	CSRR	GRAND LEDGE	MI	02/25/86	13
35	UP	MENO	OR	02/26/86	14
36	UP	KUNA	ID	02/27/86	14
37	UP	COLUMBIA	LA	02/28/86	14
38	UP	JASPER	MO	02/28/86	15
39	SSW	RANDLES	MO	02/28/86	15
40	CR	VERSAILLES	OH	03/01/86	15

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41	CSX/ ATK	OGEECHEE	GA	03/02/86	16
42	CSX	SONORA	KY	03/02/86	16
43	CSX	SCREVEN	GA	03/03/86	16
44	NJTR	NEWARK	NJ	03/03/86	17
45	BN	CLAUDE	TX	03/04/86	17
46	ATSF	COLTON	CA	03/06/86	17
47	UP	BALD KNOB	AR	03/07/86	18
48	UP/ SP	BROWNSVILLE	TX	03/07/86	18
49	CGA	TRAMMELS	AL	03/07/86	18
50	SSW/ UP	INDEPENDENCE	MO	03/08/86	19
51	SP/ ATK	BERWICK	LA	03/09/86	19
52	CSX/ ATK	INDIANTOWN	FL	03/18/86	20
53	CR/ ATK	DEARBORN	MI	03/18/86	20
54	CNW	WAXDALE	WI	03/18/86	20
55	BN	BOYER	ID	03/21/86	21
56	BN	COLCHESTER	IL	03/23/86	21
57	CSRR	NORTH MOUNTAIN	WV	03/23/86	21
58	SSW	DEXTER	MO	03/27/86	22
59	BN	VILLISCA	IA	03/28/86	22
60	CSX	ROCKMART	GA	03/29/86	22
61	ATK/ CR	BOWIE	MD	04/09/86	23
62	CSX	SUMTER	SC	04/10/86	23
63	SP	GALENA PARK	TX	04/11/86	23
64	ATSF	TEXAS CITY JUNCTION	TX	04/11/86	24
65	LA	HOPE	AR	04/11/86	24
66	ATSF	LAMBERT	CA	04/12/86	24
67	SP/ ATK	WAELEDER	TX	04/13/86	25
68	SP	IRVING	OR	04/19/86	25
69	UP	HIG	AR	04/20/86	25
70	ATK	GWYNN	MD	04/21/86	26
71	NW	NEW RIVER JUNCTION	OH	04/23/86	26
72	UP	QUINCY	CA	04/26/86	26
73	CSX/ ATK	MONCURE	NC	04/27/86	27
74	NW	FALLS MILLS	VA	05/04/86	27
75	ATSF	TULIA	TX	05/05/86	27
76	CNW	PORT WASHINGTON	WI	05/05/86	28
77	ATSF	ALLEY	TX	05/07/86	28
78	UP	MALTA BEND	MO	05/07/86	29
79	CR BM	BOSTON	MA	05/07/86	29

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80	CSX	ROCKMART	GA	05/08/86	30
81	S00	ELNORA	IN	05/09/86	30
82	ATK	CHICAGO	IL	05/13/86	31
83	BN	ST CROIX	MN	05/13/86	31
84	ATSF	TULARE	CA	05/14/86	31
85	CSX	BRICE	NC	05/16/86	32
86	NW	JUNIPER	VA	05/18/86	32
87	CRN	SIMPSON	NC	05/21/86	32
88	SOU	SCOTT	AL	05/23/86	33
89	UP	BERGMAN	AR	05/24/86	33
90	ATSF	CUYLER	TX	05/24/86	33
91	ATSF	KINGMAN	AZ	05/27/86	34
92	CR	CONEMAUGH	PA	05/29/86	34
93	BN	FIRTH	NE	05/30/86	35
94	NW	OLD FORT	OH	05/30/86	35
95	BN	MCBRIDE	MO	05/31/86	35
96	UP	BUTLER	MO	06/01/86	36
97	ATSF	ANTELOPE GAP	TX	06/03/86	36
98	SBVR	GRACE	WV	06/03/86	36
99	SP/ UP	WEST JUNCTION	TX	06/03/86	37
100	SP	ANAPRA	NM	06/07/86	37
101	CSRR	JOHNS CREEK	KY	06/07/86	38
102	CSX	WADLEY	AL	06/07/86	38
103	UP	MORGAN	UT	06/08/86	39
104	UP	SAN ANTONIO	TX	06/08/86	39
105	CSX	BLADENBORO	NC	06/12/86	39
106	CSRR	HO CABIN	WV	06/15/86	40
107	BN	DODSON	MT	06/15/86	40
108	ATK/ MNCW	NEW ROCHELLE	NY	06/15/86	40
109	UP	KENEFICK	KS	06/15/86	41
110	CSX	TUCKER	GA	06/16/86	41
111	BN	NORTH ZULCH	TX	06/17/86	42
112	UP	HAGGIN	CA	06/17/86	42
113	UP/ SP	CITY OF INDUSTRY	CA	06/19/86	43
114	UP	STREETER	CA	06/19/86	43
115	CSX	BUCKHEAD	GA	06/20/86	43
116	ATSF	MAINE	AZ	06/20/86	44
117	ATSF	PAULINE	KS	06/24/86	44
118	CSX	MT VERNON	IL	06/24/86	45
119	CSX	HOLMES GAP	AL	06/27/86	45
120	ATSF	WALLIS	TX	06/29/86	45
121	MNCW	NORTH WHITE PLAINS	NY	06/30/86	46
122	ATSF	MERIDEN	KS	07/01/86	46
123	ATSF	FLEMING	MO	07/03/86	47
124	CSX	MIDWAY	FL	07/03/86	47

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125	SOU/ ATK	ANNISTON	AL	07/04/86	47
126	BN	TILDEN JCT	MN	07/05/86	48
127	CSX	MADISONVILLE	KY	07/07/86	48
128	CSRR	MIAMISBURG	OH	07/08/86	49
129	UP	HERSHEY	NE	07/10/86	49
130	UP/ ATK	STRASBURG	MO	07/10/86	50
131	BN	ROYALTON	MN	07/11/86	50
132	ATSF/ UP	NICKERSON	KS	07/11/86	50
133	CR	CP MANS	OH	07/12/86	51
134	CSX	SALUDA DAM	SC	07/16/86	51
135	LA	SULPHUR SPRINGS	TX	07/17/86	51
136	ATSF/ ATK	GALIVAN	CA	07/17/86	52
137	CSRR NW	NASBY TOWER	OH	07/17/86	52
138	BN	RUSSELL	IA	07/20/86	52
139	ATSF	BORON	CA	07/20/86	53
140	ATK	BRIDGE	MD	07/20/86	53
141	NW	LEWIS CENTER	OH	07/27/86	53
142	BN	ELSBERRY	MO	07/27/86	54
143	CNW	BOONE	IA	07/28/86	54
144	GTW	HASLETT	MI	07/29/86	55
145	ATSF	EAST KINGMAN JCT	KS	07/29/86	55
146	ATK/ NOT	NEW ORLEANS	LA	07/30/86	55
147	UP	DAVENPORT	NE	07/31/86	56
148	UP	CALDWELL	ID	07/31/86	56
149	CR	GALLITZIN	PA	07/31/86	56
150	BN	CLEAR LAKE	MN	08/02/86	57
151	CSX	ELKHORN YARD	KY	08/02/86	57
152	CSX	OCALA	FL	08/05/86	58
153	ICG/ ATK	CENTRALIA	IL	08/08/86	58
154	BSV/ CNW	GRAVEL PIT	IA	08/08/86	59
155	CSX	CHARLOTTE	NC	08/09/86	59
156	SP	GROVER	CA	08/09/86	60
157	UP	CONWAY	AR	08/09/86	60
158	CNW	MAYWOOD	IL	08/12/86	61
159	KCS	MARBLE CITY	OK	08/16/86	61
160	ATK/ CR	PALMER	MA	08/19/86	61
161	CR	ASHTABULA	OH	08/20/86	62
162	SP	MILL CITY	NV	08/20/86	62
163	BN	TROY	MT	08/20/86	63

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164	BN	GARRISON	MT	08/22/86	63
165	SP	GARNET	CA	08/23/86	63
166	ICG	MOBILE	AL	08/24/86	64
167	CSRR	MILTON	WV	08/25/86	64
168	KYLE	STRATTON	CO	08/25/86	64
169	CR	GRAHAM	OH	08/27/86	65
170	MKT	DANA JUNCTION	TX	08/28/86	65
171	SP/ ATK	WEST COLTON	CA	08/29/86	65
172	NIRC	WASHINGTON HEIGHTS	IL	08/29/86	66
173	CSRR	WILLARD	OH	08/31/86	66
174	ATK	KALAMAZOO	MI	08/31/86	66
175	CSRR	FRENCHTON	WV	09/02/86	67
176	CSRR	BOYDS	MD	09/03/86	67
177	LI	WESTBURY	NY	09/04/86	68
178	CSRR	MUSKEGON HEIGHTS	MI	09/05/86	68
179	RSR	WARSAW	NY	09/06/86	68
180	ATSF	ATHERTON	MO	09/07/86	69
181	ICG	COLLINS	MS	09/07/86	
182	UP	FISK	MO	09/12/86	
183	LSTT	SUPERIOR	WI	09/12/86	70
184	ICG/ ATK	WEST	MS	09/13/86	70
185	SOU/ CNW	DAKOTA	MN	09/13/86	71
186	MKT	TAYLOR	TX	09/16/86	71
187	WICT	JUDA	WI	09/17/86	72
188	ATK	HARTFORD	CT	09/17/86	72
189	ICG	RAGIN	MS	09/18/86	73
190	BN	LANCASTER	NE	09/20/86	73
191	UP	SALT LAKE CITY	UT	09/23/86	74
192	CSX	PLAINS	FL	09/23/86	74
193	BN	TOPPENISH	WA	09/24/86	74
194	SP/ ATK	VINA	CA	09/25/86	75
195	ATSF	NOLANVILLE	TX	09/27/86	75
196	CSX	LAURENS	SC	09/27/86	75
197	CR	GREENVILLE	IL	09/29/86	76
198	CSX	BENSON JUNCTION	FL	09/30/86	76
199	ATSF/ ATK	CORONA	CA	10/04/86	76
200	SOU	SUMMIT	TN	10/07/86	77
201	CSX/ ATK	SPARR	FL	10/07/86	77
202	SSW/ BN	CLINTON	TX	10/07/86	77
203	CSX	MARTINEZ	GA	10/07/86	78
204	SOU/ ATK	FALL RIVER	WI	10/09/86	78

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205	UP	FAIR OAKS	AR	10/11/86	79
206	UP	COMMERCE CITY	CO	10/11/86	79
207	UP	WESTWOOD	CA	10/13/86	79
208	ATK	PORTER	IN	10/14/86	80
209	MEC	LEEDS JUNCTION	ME	10/15/86	80
210	SOU	MT CARMEL	IL	10/15/86	80
211	SP/	SCHRIEVER	LA	10/17/86	81
	ATK				
212	SP/	RICHMOND	CA	10/17/86	81
	ATK				
213	NW	OAKWOOD	OH	10/18/86	81
214	NYSW	BUTLER	NJ	10/19/86	82
215	BN	EXETER	NE	10/25/86	82
216	CSRR	GOODMAN	OH	10/26/86	83
217	KCS	HATFIELD	AR	10/27/86	83
218	BN	ROBBINSDALE	MN	10/27/86	83
219	CSS	MILLER	IN	10/30/86	84
220	BN	POPLAR	MT	10/31/86	84
221	SP/	WALONG	CA	11/02/86	85
	ATSF				
222	BN	WICHITA FALLS	TX	11/02/86	85
223	LA	ICG JUNCTION	LA	11/03/86	86
224	FEC	HYPOLUXO	FL	11/04/86	86
225	BN/	BRIDGE	AR	11/04/86	86
	UP				
226	MKT/	OTTERVILLE	MO	11/05/86	87
	UP				
227	CSRR	CINCINNATI	OH	11/08/86	87
228	BN	SCAMMON	KS	11/08/86	88
229	CSX	ROSINDALE	NC	11/08/86	88
230	BN	PLEASANT DALE	NE	11/11/86	88
231	BN/	STONE AVENUE	IL	11/14/86	89
	ATK				
232	CGA	DENNIS STATION	GA	11/14/86	89
233	CSRR	VINE	MI	11/15/86	89
234	ATSF	ENID	OK	11/17/86	90
235	CR	MCELHATTAN	PA	11/18/86	90
236	NJTR	PLAINFIELD	NJ	11/19/86	91
237	BN	REEDPOINT	MT	11/23/86	
238	SP	ENNIS	TX	11/24/86	92
239	UP	MONROE	LA	11/24/86	92
240	NYSW	STOCKHOLM	NJ	11/25/86	92
241	BM	SOUTH STATION	MA	11/25/86	93
242	NW	DELORME	WV	11/30/86	93
243	GTW	MUNSTER	IL	12/06/86	93
244	MKT/	FORT WORTH	TX	12/06/86	94
	UP				
245	KCS	NOEL	MO	12/08/86	94

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246	SEPA	PHILADELPHIA	PA	12/10/86	94
247	ICG	WEST PULLMAN	IL	12/11/86	95
248	SP	COMPTON	CA	12/15/86	95
249	CSX/ ATK	RICHMOND	VA	12/16/86	96
250	SP	FORT WORTH	TX	12/18/86	96
251	BN/ ATK	NAPAVINE SOUTH	WA	12/22/86	96
252	UP	DOTHAN	TX	12/23/86	97
253	BN	CHINOOK	MT	12/26/86	97
254	ATSF	MONTICELLO	IN	12/28/86	97
255	CR	CP WEST PILOT	VT	12/29/86	98
256	SP	TUCSON	AZ	12/30/86	98

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	01/01/86	7:25 PM	ST FRANCIS	TX	DERAILMENT	0	0	\$468,900
1	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2863	66 MPH
	EQUIPMENT DERAILED:		TRACK WARRANT CONTROL 24 CAR(S)					
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. KTTX 252212.								
CSX/ ATK	01/04/86	9:10 AM	PARR	IN	RAIL-HWY CROSSING	1	1	\$42,000
2	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: PASSENGER TRAIN		317	79 MPH
			TIME TABLE TRAIN ORDERS					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE GARBAGE TRUCK OPERATOR FAILED TO STOP THE TRUCK AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW	01/07/86	2:05 PM	BERNIE	MO	RAIL-HWY CROSSING	2	0	\$0
3	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 5 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X3734	40 MPH
EQUIPMENT DERAILED:		NONE						
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSRR	01/08/86	5:30 AM	PEMBERTON	VA	SIDE COLLISION	0	2	\$3,850
4	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN			X8294 X4049	2 MPH 5
EQUIPMENT DERAILED:		2 CAR(S) 1 CABOOSE(S)						
PROBABLE CAUSE: CREW OF EXTRA 4049 EAST FAILED TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.								
SP	01/11/86	7:10 AM	OAK GROVE	CA	DERAILMENT	0	0	\$330,109
5	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN			X7466	50 MPH
EQUIPMENT DERAILED:		27 CAR(S)						
PROBABLE CAUSE: A PLAIN BEARING FAILURE ON CAR NO. SP 563668, A FLATCAR.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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SP/ ATK	01/13/86	5:41 PM	MOORPARK	CA	RAIL-HWY CROSSING	1	2	\$20,000
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6	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 AUTOMATIC BLOCK DIRECT TRAIN CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN		12	60 MPH
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EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

SP/ ATK	01/17/86	2:40 AM	DEL RIO	TX	RAIL-HWY CROSSING	1	0	\$0
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7	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN		2	50 MPH
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EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: THE VEHICLE OPERATOR MISCALCULATED THE LOCATION OF THE CROSSING AND MANEUVERED HIS VEHICLE ONTO THE RAILROAD EAST OF THE CROSSING.

CONTRIBUTING FACTOR: (I) THE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL AND (II) DENSE FOG.

KCS	01/17/86	4:17 AM	FORBING	LA	RAIL-HWY CROSSING	2	0	\$475
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8	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 TIME TABLE YARD LIMITS	MOVEMENTS INVOLVED: FREIGHT TRAIN		JOB20	18 MPH
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EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	01/18/86	9:25 PM	LIVE OAK	FL	RAIL-HWY CROSSING	2	0	\$2,500
9	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8305	37 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
UP	01/19/86	1:10 AM	POPLAR BLUFF	MO	DERAILMENT	0	0	\$204,500
10	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 26 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X639N	48 MPH
PROBABLE CAUSE: AN UNDESIRED EMERGENCY BRAKE APPLICATION OF THE TRAIN AIR BRAKES DUE TO A DEFECTIVE ABD EMERGENCY BRAKE VALVE ON CAR NO. MP 588498.								
BN/ ATK	01/19/86	4:18 PM	NISQUALLY	WA	DERAILMENT	0	93	\$325,000
11	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 2 LOCOMOTIVE(S) 5 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		1014	35 MPH
PROBABLE CAUSE: THE SUBGRADE FAILED WHEN SATURATED BY EXCEPTIONALLY HEAVY RAILFALL DURING THE PRECEDING 48 HOURS.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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UP/ BN	01/20/86	11:59 AM	LAMAR	MO	RR GRADE CROSSING	0	3	\$238,250
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12	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 INTERLOCKING 4 LOCOMOTIVE(S) 7 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X2322 X8155	0 MPH 34
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PROBABLE CAUSE: THE CREW OF EXTRA BN 8155 SOUTH FAILED TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

CONTRIBUTING FACTOR: A CONTRIBUTING FACTOR WAS EXTRA MP 2322 NORTH'S FAILURE TO COMPLY WITH CARRIER OPERATING RULE 98B, STOPPING CLEAR OF CROSSINGS AND JUNCTIONS.

KYLE	01/21/86	9:45 AM	STUTT GART	KS	REAR-END COLLISION	0	0	\$50,000
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13	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TIME TABLE TRAIN ORDERS 1 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN LIGHT LOCO(S)		X3097	45 MPH 55
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PROBABLE CAUSE: FAILURE OF MACHINIST TO PROPERLY SECURE THE RUNNING LOCOMOTIVES BEFORE DISMOUNTING THEM TO SET HANDBRAKES ON TWO CARS AHEAD.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	01/24/86	8:54 AM	WASHINGTON	MA	REAR-END COLLISION	0	0	\$43,050
14	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN LIGHT LOCO(S)		TV-6 774	0 MPH 26
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 1 CAR(S)					
PROBABLE CAUSE: THE ENGINEER OF EXTRA 774 EAST FAILED TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.								
CR/ ATK	01/24/86	4:50 PM	PORTER	IN	RAIL-HWY CROSSING	1	0	\$0
15	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		365	79 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
BM	01/25/86	2:40 PM	CHELSEA	MA	RAIL-HWY CROSSING	2	0	\$5,000
16	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 AUTOMATIC BLOCK TIME TABLE		MOVEMENTS INVOLVED: PASSENGER TRAIN		1113	30 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	01/25/86	7:55 PM	SPARKS	NV	DERAILMENT	0	0	\$33,510
17	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8235	4 MPH
	EQUIPMENT DERAILED:		YARD LIMITS 6 CAR(S)					
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: 20				
PROBABLE CAUSE: A COMBINATION OF TRAIN HANDLING ON THE DESCENDING GRADES AND WIDE GAGE IN THE SWITCH AREA.								
PATH	01/27/86	6:50 AM	JERSEY CITY	NJ	FIRE OR VIOLENT RUPTURE	0	27	\$20,000
13	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		641	10 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: A GROUND OR SHORT CIRCUIT IN THE THIRD RAIL SHOE BEAM.								
CSRR	01/27/86	3:25 PM	AUBURN	IN	RAIL-HWY CROSSING	4	0	\$0
19	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4322	52 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	01/28/86	4:15 PM	LEVY	NM	DERAILMENT	0	0	\$65,400
20	TYPE OF TRACK:		SIDING					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8138	10 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S)					
			2 CAR(S)					

PROBABLE CAUSE: THE TURNING OVER AND BREAKING OF THE LEFTHAND RAIL DUE TO EXCESSIVE LATERAL-OVER-VERTICAL FORCES, WHICH WERE THE RESULT OF IMPROPER TRAIN HANDLING.

BN	01/29/86	10:15 AM	ALICEVILLE	AL	DERAILMENT	0	3	\$335,900
21	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X1978	45 MPH
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S)					
			37 CAR(S)					

PROBABLE CAUSE: A BROKEN 112-LB JOINTED RAIL.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	01/29/86	11:50 PM	SOUTH FORK	PA	DERAILMENT	0	0	\$13,200
22	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 CAB SIGNAL AUTOMATIC BLOCK TIME TABLE 13 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6632	34 MPH
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. CR 489333.								
UP/ SSW	01/30/86	9:58 AM	KANSAS CITY	KS	RAIL-HWY CROSSING	1	1	\$17,000
23	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7267	47 MPH
PROBABLE CAUSE: THE TRUCK OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
UP	01/31/86	2:05 AM	BIGGS	OR	DERAILMENT	0	0	\$789,800
24	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK 31 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3334	50 MPH
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. UP 15613.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSRR	01/31/86	7:08 AM	NORTH BALTIMORE	OH	RAIL-HWY CROSSING	2	0	\$1,000
25	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7551	52 MPH
EQUIPMENT DERAILED:		NONE						
PROBABLE CAUSE: THE VEHICLE STALLED ON THE CROSSING.								
S00	02/01/86	8:15 AM	WINONA	MN	DERAILMENT	0	0	\$932,503
26	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X784	43 MPH
EQUIPMENT DERAILED:		2 LOCOMOTIVE(S) 36 CAR(S)						
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. NAHX 455485.								

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTOR: A CONTRIBUTING FACTOR WAS THE FAILURE OF THE TRAIN CREW TO REMOVE A DERAIL FROM A TRACK WHEN SHOVING CARS ONTO THE TRACK.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	02/17/86	11:30 PM	CANNON	PA	DERAILMENT	0	1	\$111,975
29	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 CAB SIGNAL AUTOMATIC BLOCK 12 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3356	40 MPH
PROBABLE CAUSE: UNDESIRED EMERGENCY BRAKE APPLICATION.								
CSX	02/18/86	10:02 PM	DELRAY BEACH	FL	RAIL-HWY CROSSING	2	0	\$0
30	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		T-175	60 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CONTRIBUTING FACTOR: A PROBABLE CONTRIBUTING FACTOR WAS THE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.								
BN	02/19/86	3:15 PM	HARTLEY	TX	RAIL-HWY CROSSING	3	0	\$150
31	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TIME TABLE TRACK WARRANT CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7164	49 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ICG/ ATK	02/21/86	1:43 PM	BRIDGEPORT	IL	DERAILMENT	0	0	\$7,387
32	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 TRAFFIC CONTROL 3 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		22	12 MPH
PROBABLE CAUSE: WIDE GAGE UNDER LOAD.								
SP	02/24/86	2:40 PM	GREGORY	TX	DERAILMENT	0	0	\$20,300
33	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		SIDING 1 TIME TABLE YARD LIMITS 15 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		H002R	8 MPH
PROBABLE CAUSE: EXTREME LATERAL FORCES THROUGH THE NO. 9 TURNOUT EXERTED BY THE 314,000-POUND LOADED TANK CAR, WHICH CANTED THE RAIL OF THE TURNOUT.								
CSRR	02/25/86	4:42 PM	GRAND LEDGE	MI	RAIL-HWY CROSSING	2	0	\$0
34	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6742	38 MPH
PROBABLE CAUSE: THE SNOWMOBILE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	02/26/86	2:00 PM	MENO	OR	DERAILMENT	0	0	\$276,190
35	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 4 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3272	24 MPH
PROBABLE CAUSE: AN OVERHEATED ROLLER BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. APLX 2027, A FIVE-PLATFORM INTERMODAL CONTAINER CAR.								
UP	02/27/86	8:05 AM	KUNA	ID	RAIL-HWY CROSSING	2	0	\$0
36	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3574	48 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
UP	02/28/86	4:05 AM	COLUMBIA	LA	DERAILMENT	0	0	\$54,700
37	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 12 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		HPI27	27 MPH
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: NONE								
PROBABLE CAUSE: CAR CCBX 55045, A COVERED HOPPER, WAS OFF-CENTER, WHICH CAUSED THE RIGHT NO. 4 (LEAD) WHEEL TO LIFT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	02/28/86	8:45 AM	JASPER	MO	RAIL-HWY CROSSING	1	1	\$3,500
38	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3211	48 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SSW	02/28/86	7:28 PM	RANDLES	MO	RAIL-HWY CROSSING	2	0	\$0
39	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 5 TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7761	65 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CR	03/01/86	9:45 PM	VERSAILLES	OH	RAIL-HWY CROSSING	5	0	\$3,000
40	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6524	40 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX/ ATK	03/02/86	7:55 AM	OGEECHEE	GA	RAIL-HWY CROSSING	1	0	\$15,000
41	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: PASSENGER TRAIN		87	79 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	03/02/86	9:28 PM	SONORA	KY	RAIL-HWY CROSSING	2	0	\$100
42	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		E577	44 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	03/03/86	2:15 AM	SCREVEN	GA	DERAILMENT	0	0	\$100,000
43	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 8 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		S492	30 MPH
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. TTDX 910515.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NJTR	03/03/86	12:29 PM	NEWARK	NJ	DERAILMENT	0	0	\$0
44	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 INTERLOCKING 1 LOCOMOTIVE(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		316	15 MPH
PROBABLE CAUSE: WORN CRANK PINS IN THE MECHANICAL PIPE LINE CONNECTIONS OF THE RAIL DETECTOR.								
BN	03/04/86	1:15 PM	CLAUDE	TX	OTHER COLLISIONS	0	0	\$500
45	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRACK WARRANT CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN MOW EQUIPMENT		X7089	2 MPH 0
PROBABLE CAUSE: THE MAINTENANCE-OF-WAY RELIEF FOREMAN FAILED TO RESTORE THE MAIN TRACK SWITCH TO NORMAL POSITION BEFORE REPORTING THE TRACK WARRANT WAS CLEAR.								
ATSF	03/06/86	11:49 AM	COLTON	CA	RAIL-HWY CROSSING	3	1	\$22,800
46	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		AUXILIARY 2 TRAFFIC CONTROL 2 CAR(S)		MOVEMENTS INVOLVED: CUT OF CARS			20 MPH
PROBABLE CAUSE: THE UNAUTHORIZED RELEASE OF FREIGHT CAR BRAKES BY A 12 YEAR OLD JUVENILE.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	03/07/86	8:30 AM	BALD KNOB	AR	DERAILMENT	0	0	\$10,500
47	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		YARD 1 CARRIER RULES 2 CAR(S)		MOVEMENTS INVOLVED: CUT OF CARS		10 MPH	
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 150								
PROBABLE CAUSE: TRAIN CREW MEMBERS FAILED TO APPLY A SUFFICIENT NUMBER OF HAND BRAKES.								
UP/ SP	03/07/86	5:55 PM	BROWNSVILLE	TX	RAIL-HWY CROSSING	2	0	\$0
48	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		H055L 40 MPH	
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CGA	03/07/86	12:30 PM	TRAMMELS	AL	RAIL-HWY CROSSING	2	1	\$50
49	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		197 42 MPH	
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW/ UP	03/08/86	7:15 AM	INDEPENDENCE	MO	REAR-END COLLISION	0	3	\$27,200
50	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7558	0 MPH
						FREIGHT TRAIN	X9032	24
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 3 CAR(S)					

PROBABLE CAUSE: THE ENGINEER OF EXTRA MP 9032 FAILED TO PROCEED AT RESTRICTED SPEED BY SIGNAL 271.3 AND STOP SHORT OF EXTRA SP 7558.

SP/ ATK	03/09/86	5:23 PM	BERWICK	LA	RAIL-HWY CROSSING	1	2	\$1,200
51	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAIN	2	70 MPH
			TIME TABLE					
			OTHER					
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED -	INJURED	RR DAMAGE
CSX/ ATK	03/18/86	10:42 AM	INDIANTOWN	FL	RAIL-HWY CROSSING	3	0	\$3,500
52			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		91 77 MPH
				NONE				

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

CR/ ATK	03/18/86	8:05 PM	DEARBORN	MI	RAIL-HWY CROSSING	1	3	\$0
53			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		352 68 MPH
				NONE				

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

CNW	03/18/86	9:05 PM	WAXDALE	WI	DERAILMENT	0	0	\$215,450
54			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 4 LOCOMOTIVE(S) 12 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5503 30 MPH

PROBABLE CAUSE: GAGE-WIDENING UNDER LOAD AT THE JOINT.

CONTRIBUTING FACTOR: A CONTRIBUTING FACTOR WAS 1-1/2 INCH CROSSLEVEL AT THE JOINT INCLUDING A ONE-INCH DEFLECTION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	03/21/86	1:51 PM	BOYER	ID	RAIL-HWY CROSSING	2	1	\$0
55	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7825	53 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
BN	03/23/86	4:48 PM	COLCHESTER	IL	RAIL-HWY CROSSING	2	0	\$1,800
56	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3003	60 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSRR	03/23/86	6:50 PM	NORTH MOUNTAIN	WV	REAR-END COLLISION	0	3	\$45,500
57	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3890	0 MPH
			TIME TABLE		LIGHT LOCO(S)		7608	39
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		2 CAR(S)					
			1 CABOOSE(S)					
PROBABLE CAUSE: TRACK RELAYS HAD BEEN VANDALIZED CAUSING SIGNALS E1-51F AND E4-18F TO DISPLAY CLEAR INDICATIONS EVEN THOUGH THE BLOCK AHEAD WAS OCCUPIED.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW	03/27/86	1:33 PM	DEXTER	MO	RAIL-HWY CROSSING	2	0	\$0
58	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7769	48 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
BN	03/28/86	5:28 PM	VILLISCA	IA	RAKING COLLISION	0	0	\$1,039,000
59	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 51 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X5005 X5571	48 MPH 0
PROBABLE CAUSE: AN ORDINARY BREAK IN THE 129 LB RAIL.								
CSX	03/29/86	2:50 PM	ROCKMART	GA	DERAILMENT	0	1	\$635,433
60	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 37 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		A-679	40 MPH
PROBABLE CAUSE: TRACK ALIGNMENT WAS IRREGULAR (BUCKLED) BECAUSE CONTINUOUS WELDED RAIL (CWR) WAS NOT ADJUSTED FOR A TEMPERATURE RANGE THAT WOULD NOT RESULT IN COMPRESSIVE FORCES THAT COULD PRODUCE LATERAL TRACK DISPLACEMENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK/ CR	04/09/86	9:26 AM	BOWIE	MD	DERAILMENT	0	4	\$177,000
61	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 INTERLOCKING 15 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3388	41 MPH
HAZARDOUS MATERIALS RELEASED:			NO		NUMBER EVACUATED:			150
PROBABLE CAUSE: THE R3 ROLLER BEARING FAILED CAUSING THE JOURNAL TO BURN OFF ON GONDOLA CAR PBNE 912.								
CSX	04/10/86	8:15 PM	SUMTER	SC	RAIL-HWY CROSSING	5	0	\$2,000
62	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 MANUAL BLOCK TIME TABLE TRAIN ORDERS NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7043	49 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SP	04/11/86	5:45 AM	GALENA PARK	TX	DERAILMENT	0	0	\$5,500
63	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 1 TIME TABLE YARD LIMITS 3 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		405	6 MPH
HAZARDOUS MATERIALS RELEASED:			YES		NUMBER EVACUATED:			1475
PROBABLE CAUSE: FAILURE OF THE BRAKEMAN OPERATING THE SWITCH TO SECURE THE THROW LEVER IN THE SLOT OF THE SWITCH STAND.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	04/11/86	10:55 AM	TEXAS CITY JUNCTION	TX	DERAILMENT	0	0	\$376,000
64	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TRACK WARRANT CONTROL 24 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6355	39 MPH
PROBABLE CAUSE: THE L4 ROLLER BEARING FAILED, CAUSING THE JOURNAL TO BURN OFF ON TANK CAR DVLX 4144.								
LA	04/11/86	7:30 PM	HOPE	AR	RAIL-HWY CROSSING	4	0	\$1,336
65	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TIME TABLE CARRIER GENERAL ORDER NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4009	30 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
ATSF	04/12/86	11:00 AM	LAMBERT	CA	RAIL-HWY CROSSING	2	0	\$500
66	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5303	50 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP/ ATK	04/13/86	7:45 AM	WAELDER	TX	RAIL-HWY CROSSING	1	0	\$50
67	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: PASSENGER TRAIN		2	60 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SP	04/19/86	2:27 PM	IRVING	OR	RAIL-HWY CROSSING	4	6	\$15,000
68	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4420	38 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
UP	04/20/86	12:53 AM	HIG	AR	DERAILMENT	0	0	\$307,400
69	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 23 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		NLC19	30 MPH
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 17								
PROBABLE CAUSE: A WORN SWITCH POINT WITH AN IMPROPER FIT OF THE POINT AND THE STOCK RAIL.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK	04/21/86	1:55 PM	GWYNN	MD	OTHER COLLISIONS	0	8	\$1,043
70	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: WORK TRAIN MOW EQUIPMENT			X764	12 MPH 0
EQUIPMENT DERAILED:		NONE						
PROBABLE CAUSE: THE CREW FAILED TO OPERATE THE LOCOMOTIVE AT RESTRICTED SPEED.								
CONTRIBUTING FACTOR: BUTING FACTOR.								
NW	04/23/86	6:20 AM	NEW RIVER JUNCTION	OH	RAIL-HWY CROSSING	1	0	\$7,067
71	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			30231	40 MPH
EQUIPMENT DERAILED:		NONE						
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.								
UP	04/26/86	7:20 AM	QUINCY	CA	DERAILMENT	0	0	\$378,344
72	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		SIDING 2 TRAFFIC CONTROL	MOVEMENTS INVOLVED: CUT OF CARS				57 MPH
EQUIPMENT DERAILED:		36 CAR(S)						
PROBABLE CAUSE: THE CREW OF EXTRA 3622 EAST FAILED TO APPLY SUFFICIENT HANDBRAKES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX/ ATK	04/27/86	10:29 AM	MONCURE	NC	OTHER	2	0	\$0
73	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: PASSENGER TRAIN		82	40 MPH
PROBABLE CAUSE: FAILURE OF TWO OFF-ROAD VEHICLE OCCUPANTS TO REMOVE THEMSELVES FROM THE TRACK IN ORDER TO YIELD TO THE APPROACHING TRAIN.								
NW	05/04/86	8:15 AM	FALLS MILLS	VA	DERAILMENT	0	0	\$105,000
74	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 16 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8500	32 MPH
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. NW 171743.								
ATSF	05/05/86	12:15 AM	TULIA	TX	HEAD-END COLLISION	0	0	\$70,500
75	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TIME TABLE TRACK WARRANT CONTROL 3 LOCOMOTIVE(S) 15 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN SINGLE CAR		X2716	35 MPH 0
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 2								
PROBABLE CAUSE: VANDALS TORCH-CUT HANDBRAKE CHAIN ON TANK CAR GATX 83286 AND CAR ROLLED FREE OVER A SPLIT POINT DERAIL, IN NONDERAILING POSITION ONTO MAIN TRACK.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CNW	05/05/86	11:29 PM	PORT WASHINGTON	WI	DERAILMENT	0	0	\$455,000
76	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7003	32 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S)					
			27 CAR(S)					

PROBABLE CAUSE: EXCESSIVE BUFFING FORCES SEVERE ENOUGH TO FORCE THE WHEEL OF CAR NO. LTTX 550029 OVER THE RAIL.

ATSF	05/07/86	3:00 AM	ALLEY	TX	DERAILMENT	0	0	\$132,300
77	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2354	35 MPH
			TRACK WARRANT CONTROL					
	EQUIPMENT DERAILED:		12 CAR(S)					

HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 9

PROBABLE CAUSE: VANDALS LINED THE SWITCH FROM THE MAIN TO THE AUXILIARY TRACK IN THE REVERSE POSITION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	05/07/86	3:38 AM	MALTA BEND	MO	DERAILMENT	0	0	\$518,800
78	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 24 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3351	34 MPH
EQUIPMENT DERAILED:								
PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. LGIX 803.								
CR/ BM	05/07/86	8:38 AM	BOSTON	MA	REAR-END COLLISION	0	145	\$87,800
79	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN PASSENGER TRAIN		TV-14 5324	0 MPH 10
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: THE FAILURE OF THE ENGINEER OF TRAIN NO. 5324 TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/08/86	3:40 PM	ROCKMART	GA	DERAILMENT	0	0	\$288,574
80	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 21 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		A-679	30 MPH
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: NONE				
PROBABLE CAUSE:				THE CONTINUOUS WELDED RAIL TRACK BUCKLED BECAUSE THE RAIL WAS NOT ADJUSTED APPROPRIATELY FOR HIGH TEMPERATURE.				
S00	05/09/86	11:05 PM	ELNORA	IN	RAIL-HWY CROSSING	3	0	\$0
81	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 MANUAL BLOCK TIME TABLE TRAIN ORDERS NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4401	36 MPH
PROBABLE CAUSE:				THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.				

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/16/86	9:15 AM	BRICE	NC	DERAILMENT	0	0	\$492,500

85	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 MANUAL BLOCK 24 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN	F950	47 MPH
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PROBABLE CAUSE: THE FAILURE OF THE CREWMEMBERS TO OPERATE THEIR TRAIN IN ACCORDANCE WITH THE AUTHORIZED SPEED RESTRICTIONS AS SHOWN IN THE TIMETABLE.

CONTRIBUTING FACTOR: TRACK CHANGES MADE AND NOT CLEARLY DESCRIBED IN TIMETABLE.

NW	05/18/86	2:09 PM	JUNIPER	VA	DERAILMENT	0	214	\$284,608
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86	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE 14 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN	1N611	60 MPH
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PROBABLE CAUSE: UNDETERMINED.

CRN	05/21/86	3:27 PM	SIMPSON	NC	RAIL-HWY CROSSING	0	5	\$560
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87	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TIME TABLE TRAIN ORDERS NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN	150	44 MPH
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PROBABLE CAUSE: THE SCHOOL BUS DRIVER FAILED TO STOP THE VEHICLE AT THE CROSSING.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOU	05/23/86	5:05 PM	SCOTT	AL	RAIL-HWY CROSSING	2	1	\$35
88	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		173	45 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
UP	05/24/86	1:55 PM	BERGMAN	AR	RAIL-HWY CROSSING	2	0	\$0
89	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TIME TABLE TRAIN ORDERS NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		50124	40 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
ATSF	05/24/86	10:35 PM	CUYLER	TX	DERAILMENT	0	0	\$292,150
90	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TIME TABLE TRACK WARRANT CONTROL 64 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5430	37 MPH
PROBABLE CAUSE: WIND ESTIMATED AT ABOUT 1.00 MPH VELOCITY BLEW THE TRAILER TRAIN TYPE CARS, LOADED WITH EMPTY VANS, OFF THE RAILS.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	05/27/86	4:15 PM	KINGMAN	AZ	DERAILMENT	0	0	\$240,000
91	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 5 AUTOMATIC BLOCK AUTO TRAIN STOP TIME TABLE 42 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5341	45 MPH
EQUIPMENT DERAILED:								
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: 47				
PROBABLE CAUSE: EXCESSIVE BUFF FORCES DUE TO IMPROPER CONTROL OF SLACK ACTION ON A 1.7-PERCENT DESCENDING GRADE.								
CR	05/29/86	1:53 PM	CONEMAUGH	PA	DERAILMENT	0	0	\$268,550
92	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 CAB SIGNAL TRAFFIC CONTROL 24 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5037	33 MPH
EQUIPMENT DERAILED:								
PROBABLE CAUSE: A FIFTH WHEEL KING PIN BROKE (100-PERCENT OLD BREAK) ALLOWING THE TRAILER CRZ 235592 TO SHIFT ON THE WEST END OF CAR NO. TTWX 980736.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	05/30/86	6:50 AM	FIRTH	NE	RAIL-HWY CROSSING	3	0	\$1,000
93	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8016	43 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CONTRIBUTING FACTOR: DENSE FOG; VISIBILITY WAS RESTRICTED TO 30 FEET.								
NW	05/30/86	1:40 PM	OLD FORT	OH	DERAILMENT	0	0	\$315,356
94	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK 25 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8074	51 MPH
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: NONE								
PROBABLE CAUSE: THE CWR TRACK BUCKLED UNDER MOVING TRAIN. THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 80 DEGREES F.								
BN	05/31/86	8:15 PM	MCBRIDE	MO	RAIL-HWY CROSSING	1	1	\$45,400
95	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9020	49 MPH
PROBABLE CAUSE: THE TRUCK DRIVER FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	06/01/86	8:07 PM	BUTLER	MO	RAIL-HWY CROSSING	2	0	\$0
96	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3923	45 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
ATSF	06/03/86	2:30 AM	ANTELOPE GAP	TX	DERAILMENT	0	2	\$480,200
97	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2095	50 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S) 18 CAR(S)					
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: NONE				
PROBABLE CAUSE: THE DISPLACEMENT OF A STEEL UNDERPASS PIPE WHICH, DUE TO HEAVY RAINFALL, LEFT THE TRACK WITHOUT SUPPORT.								
SBVR	06/03/86	3:18 PM	GRACE	WV	OTHER	0	4	\$47,900
98	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		TM9	15 MPH
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 2 CAR(S)					
PROBABLE CAUSE: THE ENGINEER FAILED TO RECHARGE THE BRAKE SYSTEM BEFORE STARTING DOWN GRADE.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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SP/ UP	06/03/86	5:38 PM	WEST JUNCTION	TX	RAIL-HWY CROSSING	2	0	\$0
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99	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN	X2172	38 MPH	
	EQUIPMENT DERAILED:		NONE					

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

SP	06/07/86	3:50 PM	ANAPRA	NM	DERAILMENT	0	19	\$528,700
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100	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN	X8318	38 MPH	
	EQUIPMENT DERAILED:		TIME TABLE TRAIN ORDERS 24 CAR(S)					

HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 24

PROBABLE CAUSE: THE PROBABLE CAUSE OF THE DERAILMENT WAS BUCKLED TRACK IN CWR. THE PROBABLE CAUSE OF THE PETTIBONE CRANE AND TANK CAR NO. NATX 76747 ROLLING OVER THE EMBANKMENT DURING THE RERAILING PROCESS, WAS THE UNSTABLE FOOTING FOR THE OUTRIGGERS ON THE PETTIBONE CRANE. THE TANK CAR RELEASED HAZARDOUS MATERIAL, INJURING 19 PEOPLE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSRR	06/07/86	7:38 PM	JOHNS CREEK	KY	REAR-END COLLISION	0	2	\$104,000

101	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3						
	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7596	0 MPH		
	EQUIPMENT DERAILED:	1 LOCOMOTIVE(S)		FREIGHT TRAIN	X3889	31		
		6 CAR(S)						
		1 CABOOSE(S)						

PROBABLE CAUSE: FAILURE OF CREW OF EXTRA 3889 EAST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH A RESTRICTING SIGNAL INDICATION.

CSX	06/07/86	7:55 PM	WADLEY	AL	DERAILMENT	0	0	\$752,260
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102	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	647	19 MPH		
	EQUIPMENT DERAILED:	29 CAR(S)						

PROBABLE CAUSE: THE VARIATION OF THE TRACK CROSSLEVEL AND THE AMOUNT OF SIDE BEARING CLEARANCE ON NW 400002, AN EXCESSIVE HEIGHT CAR, MOVING AT ABOUT 19 MPH AROUND A 5-DEGREE CURVE.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	06/08/86	12:30 AM	MORGAN	UT	DERAILMENT	0	0	\$800,000
103	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3574	52 MPH
EQUIPMENT DERAILED:		NONE						
PROBABLE CAUSE: AN OVERHEATED ROLLER BEARING RESULTING IN JOURNAL FAILURE AT L1 LOCATION ON FLATCAR TTWX 979855.								
UP	06/08/86	12:45 PM	SAN ANTONIO	TX	DERAILMENT	2	1	\$861,000
104	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 36 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3200	53 MPH
HAZARDOUS MATERIALS RELEASED:		YES		NUMBER EVACUATED:		750		
PROBABLE CAUSE: UNDETERMINED.								
CSX	06/12/86	12:45 PM	BLADENBORO	NC	DERAILMENT	0	1	\$116,826
105	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 MANUAL BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		R901	23 MPH
EQUIPMENT DERAILED:		14 CAR(S)						
HAZARDOUS MATERIALS RELEASED:		YES		NUMBER EVACUATED:		NONE		
PROBABLE CAUSE: UNDETERMINED.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSRR	06/15/86	4:30 PM	HO CABIN	WV	DERAILMENT	0	0	\$198,500
106	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 20 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4416	45 MPH
PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT. THE TRACK SHIFTED UNDER THE TRAIN MOVEMENT DUE TO INSUFFICIENT BALLAST IN THE TIE CRIBS AND SHOULDERS.								
BN	06/15/86	4:35 PM	DODSON	MT	DERAILMENT		0	\$546,200
107	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 18 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3143	60 MPH
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: NONE								
PROBABLE CAUSE: LOOSE WHEEL ON CAR NO. DTTX 63060.								
ATK/ MNCH	06/15/86	5:53 PM	NEW ROCHELLE	NY	DERAILMENT	0	1	\$45,000
108	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 INTERLOCKING CAB SIGNAL TIME TABLE TRAIN ORDERS 1 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		642	20 MPH
PROBABLE CAUSE: IMPROPER SIDE BEARING CLEARANCE DUE TO DETERIORATED RUBBER INSERT OF THE CONTACT BEARING PREVENTING THE REAR TRUCK OF CAR NO. 1222 FROM TRAVERSING THE TRACK CURVATURE OF THE CROSSOVER.								