



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

Summary of Accidents Investigated By The Federal Railroad Administration Calendar Year 1987

SAMPLE

SAMPLE

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INTRODUCTION

The 1987 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 238 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 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 1987, the Federal Railroad Administration investigated and determined the probable cause of 238 railroad accidents.

2. <u>Type of Accident</u>	<u>No.</u>	<u>Percent</u>
(a) Derailment	91	38.2
(b) Head-End Collision	10	4.2
(c) Rear-End Collision	10	4.2
(d) Side Collision	8	3.4
(e) Raking	2	.8
(f) Rail-Highway Crossing	99	41.7
(g) Obstruction	12	5.0
(h) Other	3	1.3
(i) RR Grade Crossings	2	.8
(j) Locomotive	<u>1</u>	<u>.4</u>
Total	238	100.0

3. Accident Cause

(a) Track Roadbed and Structure	43	18.1
(b) Mechanical and Electrical Failure	25	10.5
(c) Train Operation-Human Factor	47	19.7
(d) Miscellaneous	24	10.1
(e) Rail-Highway Crossing	<u>99</u>	<u>41.6</u>
Total	238	100.0

4. Casualties

	<u>No.</u>
(a) Killed	229
(b) Injured	<u>885</u>
Total	1,114

ACCIDENT SUMMARY BY TRACK CLASS,

TRACK CLASS	ACCIDENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLISIONS
1	16	\$1,047,138	\$954,420	\$92,718	5
2	30	\$5,967,283	\$4,940,033	\$1,027,250	9
3	47	\$11,455,702	\$10,268,437	\$1,187,265	5
4	122	\$32,665,828	\$30,757,137	\$1,908,691	9
5	22	\$5,760,933	\$5,499,200	\$261,733	3
6	1	\$16,602,749	\$15,572,749	\$1,030,000	1
TOTAL	238	\$73,499,633	\$67,991,976	\$5,507,657	32

DAMAGES, TYPE AND CAUSE

DERAIL MENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
8	3	6	---	4	---
15	6	7	3	12	---
23	19	8	8	8	---
40	73	21	14	16	71
5	14	1	---	6	10
---	---	---	---	1	---
91	115	43	25	47	100

INVOLVEMENT OF TRAIN ACCIDENTS BY RAILROAD, TYPE, AND CAUSE

	.....COLLISIONS.....				.....DERAILMENTS.....				.....OTHER.....				TOTAL ACCID ENTS	
	.....DEFECTS.....				.....DEFECTS.....				.....DEFECTS.....					
	HUMAN FACTORS	EQUIP	TRACK	OTHER	HUMAN FACTORS	EQUIP	TRACK	OTHER	HUMAN FACTORS	EQUIP	TRACK	OTHER		
ALABAMA GREAT SOUTHERN RAILROAD	---	---	---	---	---	---	---	---	---	---	---	---	2	2
AMTRAK (NATIONAL RAILROAD PASSENGER CORPORAT	3	---	---	1	---	1	3	2	1	---	---	---	30	41
ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPAN	3	1	---	---	1	1	1	2	1	---	---	---	6	16
BOSTON AND MAINE CORPORATION	---	---	---	---	---	---	---	1	---	---	---	---	1	2
BURLINGTON NORTHERN RAILROAD COMPANY	4	---	---	1	2	1	6	---	---	1	---	---	10	25
CENTRAL OF GEORGIA RAILROAD COMPANY	---	---	---	---	---	---	---	---	---	---	---	---	1	1
CHICAGO MISSOURI & WESTERN RAILWAY	---	---	---	---	---	---	---	---	---	---	---	---	2	2
CINCINNATI, NEW ORLEANS & TEXAS PACIFIC RAIL	---	---	---	---	---	1	---	---	---	---	---	---	---	1
CHICAGO AND NORTH WESTERN TRANSPORTATION COM	---	---	---	---	1	---	---	---	---	---	---	---	2	3
CHESAPEAKE AND OHIO RAILWAY COMPANY	---	---	---	---	---	---	---	---	1	---	---	---	---	1
CONSOLIDATED RAIL CORPORATION	1	---	---	---	2	2	4	---	1	---	---	---	12	22
CHICAGO SOUTH SHORE AND SOUTH BEND RAILROAD	---	---	1	---	---	---	---	---	---	---	---	---	---	1
CSX TRANSPORTATION	1	---	1	---	2	8	12	5	5	---	---	---	16	50
DELAWARE AND HUDSON RAILROAD COMPANY	---	---	---	---	---	---	---	1	---	---	---	---	---	1
DULUTH, WINNIPEG AND PACIFIC RAILWAY	---	---	---	---	---	---	1	---	---	---	---	---	---	1
ELGIN, JOLIET AND EASTERN RAILWAY COMPANY	---	---	---	---	---	---	---	---	---	---	---	---	1	1
FLORIDA EAST COAST RAILWAY COMPANY	1	---	---	---	---	---	---	---	---	---	---	---	1	2
GRAND TRUNK WESTERN RAILROAD COMPANY	---	---	---	---	---	---	---	---	---	---	---	---	1	1
HOUSTON BELT & TERMINAL RAILWAY COMPANY	---	---	---	---	---	---	---	---	---	---	---	---	1	1
ILLINOIS CENTRAL GULF RAILROAD COMPANY	2	---	---	---	---	---	---	1	---	---	---	---	3	6
KANSAS CITY SOUTHERN RAILWAY COMPANY	1	1	---	---	---	---	1	---	---	---	---	---	---	3
LONG ISLAND RAIL ROAD	---	---	---	---	---	---	---	---	---	---	---	---	1	1
LOUISIANA & NORTH WEST RAILROAD COMPANY	---	---	---	---	---	---	1	---	---	---	---	---	---	1
MASSACHUSETTES BAY TRANSIT AUTHORITY	1	---	---	---	---	---	---	---	---	---	---	---	---	1
MAINE CENTRAL RAILROAD COMPANY	---	---	---	---	---	---	---	1	---	---	---	---	---	1
METRO NORTH COMMUTER RAILROAD COMPANY	1	---	---	---	---	---	1	---	---	---	---	---	---	2
MINNESOTA COMMERCIAL RAILWAY	---	---	---	---	---	---	1	---	---	---	---	---	---	1
MONTANA RAIL LINK	1	---	---	---	---	---	---	1	---	---	---	---	---	2
NORTHEAST ILLINOIS REGIONAL COMMUTER RAIL CO	---	---	---	---	---	---	---	---	---	---	---	---	1	1
NORTH LOUISIANA & GULF RAILROAD COMPANY	---	---	---	---	---	---	---	---	---	---	---	---	1	1
NORFOLK SOUTHERN CORPORATION	---	---	---	---	---	---	---	---	---	---	---	---	1	1
NORFOLK AND WESTERN RAILWAY COMPANY	1	---	---	---	1	1	---	1	---	---	---	---	4	8
NEW YORK, SUSQUEHANNA AND WESTERN RAILROAD C	---	---	---	---	---	---	3	1	---	---	---	---	---	4
PORT AUTHORITY TRANS HUDSON	2	---	---	---	---	---	---	---	---	---	---	---	---	2
PITTSBURGH & LAKE ERIE RAILROAD COMPANY	---	---	---	---	---	---	1	1	---	---	---	---	---	2
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUT	---	---	---	---	---	---	1	---	---	---	---	---	1	2
SOO LINE RAILROAD COMPANY	1	---	---	---	---	1	---	---	---	---	---	---	4	6
SOUTHERN RAILWAY COMPANY	---	---	---	---	---	2	1	---	---	1	---	---	1	5
SOUTHERN PACIFIC TRANSPORTATION COMPANY	4	---	---	1	1	---	5	1	---	---	---	---	7	19
ST. LOUIS SOUTHWESTERN RAILWAY COMPANY	---	---	---	---	1	---	1	---	---	---	---	---	3	5
SPRINGFIELD TERMINAL RAILWAY COMPANY (VERMON	---	---	---	---	---	---	---	1	---	---	---	---	---	1
TEXAS CITY TERMINAL RAILWAY COMPANY	---	---	---	---	---	---	---	---	---	---	---	---	1	1
UNION PACIFIC RAILROAD COMPANY	6	---	---	---	1	3	4	2	1	---	---	---	18	35
	33	2	2	3	12	22	46	21	10	2	---	---	132	285

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
1	CR	MARTEL	OH	01/03/87	1
2	AGS/ ATK	YORK	AL	01/03/87	1
3	CR/ ATK	CHASE	MD	01/04/87	1
4	CR	CALLICOON	NY	01/04/87	2
5	LNW	EMERSON	AR	01/06/87	2
6	UP	DAVENPORT	NE	01/07/87	3
7	ATSF	BUMSTEAD	AZ	01/08/87	3
8	SOU	LINWOOD	NC	01/11/87	3
9	CSX	RAVENNA	OH	01/13/87	4
10	SEPA/ ATK	PHILADELPHIA	PA	01/14/87	4
11	SP/ ATK	CANBY	OR	01/15/87	5
12	CSX	CONFLUENCE	PA	01/15/87	5
13	SP	CASHION	AZ	01/16/87	5
14	LI	MASTIC-SHIRLEY	NY	01/18/87	6
15	CR	DELTA	OH	01/18/87	6
16	NIRC	MOKENA	IL	01/18/87	7
17	CSX	DEATSVILLE	AL	01/19/87	7
18	SP	LITCHFIELD	AZ	01/21/87	7
19	ATSF	TEPCO JUNCTION	AZ	01/23/87	8
20	MNCW/ ATK	NEW HAVEN	CT	01/24/87	8
21	NW	SHARONVILLE	OH	01/24/87	8
22	ATK/ BM	EAST FITCHBURG	MA	01/25/87	9
23	ATK	GALIEN	MI	01/28/87	9
24	ICG/ ATK	RANTOUL	IL	01/28/87	10
25	FEC	BUNKER ROAD	FL	01/31/87	10
26	SOU	CORINTH	MS	01/31/87	11
27	DWP	HALEY	MN	02/03/87	11
28	UP	RUPERT	ID	02/05/87	12
29	CSX	EAST CONCORD	NY	02/06/87	12
30	BN	EXETER	NE	02/07/87	12
31	CR	MORRIS	PA	02/09/87	13
32	CR	WIRE	IN	02/14/87	13
33	CR/ ATK	MARYSVILLE	PA	02/17/87	13
34	MNCW	NEW YORK	NY	02/17/87	14
35	CGA	LEESBURG	GA	02/18/87	14
36	CSX/ ATK	RENSSELAER	IN	02/19/87	15
37	CSX	WADLEY	AL	02/19/87	15
38	ATSF	DALIES	NM	02/20/87	16
39	CSX	LAGRANGE	GA	02/24/87	16

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40	SP	CLEVELAND	TX	02/27/87	17
41	UP	BRIGHAM CITY	UT	03/03/87	17
42	BN	GIBBS	MO	03/03/87	17
43	ATSF	JUSTICEBURG	TX	03/04/87	18
44	CSX	SEARCY	AL	03/04/87	18
45	NYSW	FRANKLIN	NJ	03/08/87	18
46	BN	HODGES	MT	03/11/87	19
47	SEPA	FORTUNA	PA	03/11/87	19
48	SSW	FORDYCE	AR	03/14/87	20
49	UP	BROWDER	TX	03/15/87	20
50	ATK	MICHIGAN CITY	IN	03/17/87	20
51	BN	DECATUR	TX	03/19/87	21
52	UP	IRON MOUNTAIN	MO	03/24/87	21
53	UP	BIG SPRINGS	NE	03/24/87	22
54	PLE/ CSX	COLLEGE	PA	03/25/87	22
55	BN	COON	AR	03/25/87	22
56	UP	MIDLAND	KS	03/27/87	23
57	NLG	GIBSLAND	LA	03/30/87	23
58	CSX	BELLWOOD	VA	03/30/87	23
59	CSS	HAMMOND	IL	04/01/87	24
60	CSX	COLLEGE PARK	GA	04/01/87	24
61	ATSF	BUCKHOLTS	TX	04/04/87	25
62	UP	BAKER	OR	04/07/87	25
63	MEC/ ST	HERMON	ME	04/07/87	26
64	BN	NEUTRAL	KS	04/10/87	26
65	FEC	BUNNELL	FL	04/11/87	26
66	CR	PITTSBURGH	PA	04/11/87	27
67	CR/ ATK	COLUMBIA CITY	IN	04/13/87	27
68	PATH	HOBOKEN	NJ	04/13/87	28
69	SP/ ATK	FRUITVILLE	CA	04/18/87	28
70	CR	GALION	OH	04/25/87	29
71	UP	PILOT POINT	TX	04/25/87	29
72	KCS/ UP	TEXARKANA	TX	04/25/87	29
73	PATH	NEW YORK	NY	04/27/87	30
74	SOO	MORAVIA	IA	04/27/87	30
75	ICG/ ATK	CHENOA	IL	04/28/87	31
76	ICG/ NW	TOLONO	IL	04/30/87	31
77	ATSF/ ICG	GILMAN	IL	05/02/87	31
78	CSX/ ATK	WEST JACKSONVILLE	FL	05/03/87	32

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79	SP	ROWEN	CA	05/04/87	32
80	BN	SHIRLEY	MT	05/04/87	33
81	CSX	CONFLUENCE	PA	05/06/87	33
82	BN	COOKS	WA	05/07/87	33
83	BN	ORIVA	WY	05/08/87	34
84	SOO	CRANE	IN	05/10/87	34
85	CNTP	PALM	KY	05/10/87	34
86	CSX	ELM CITY	NC	05/11/87	35
87	CNW	TAMA	IA	05/13/87	35
88	NYSW	VERNON	NJ	05/16/87	36
89	CSX/ ATK	KIRK	MI	05/16/87	36
90	HBT/ UP	LAWN DALE	TX	05/17/87	36
91	CSX	LYLE	VA	05/18/87	37
92	MNNR/ ATK	ST PAUL	MN	05/22/87	37
93	UP	NEW OSHKOSH	NE	05/22/87	37
94	CSX	HARPERS FERRY	WV	05/27/87	38
95	CNW	TERRA COTTA	IL	05/29/87	38
96	CSX	HUNTINGTON	TN	06/02/87	39
97	SP	LIGURTA	AZ	06/03/87	39
98	CSX	GREENSPRING	WV	06/07/87	40
99	BM	MECHANICVILLE	NY	06/07/87	40
100	BN	VINITA	OK	06/08/87	40
101	BN	PROSPER	TX	06/09/87	41
102	CSX	WINDER	GA	06/10/87	41
103	KCS	LEESVILLE	LA	06/10/87	42
104	KCS	EVE	MO	06/13/87	42
105	BN	OREGON	IL	06/14/87	43
106	SP	YUMA	AZ	06/15/87	43
107	CMNW/ ATK	PONTIAC	IL	06/16/87	44
108	ICG	WILDERMAN	IL	06/16/87	44
109	CSX	TAKOMA PARK	DC	06/19/87	44
110	CSX/ ATK	LAKE CITY	SC	06/22/87	45
111	BN	COOKS	WA	06/25/87	45
112	NS	ROSSVILLE	TN	06/25/87	45
113	CMNW/ ATK	ELWOOD	IL	06/26/87	46
114	UP/ BN	COUNCIL BLUFFS	IA	06/26/87	46
115	ATSF	KINGMAN	AZ	06/27/87	47
116	NW	RIVERTON	IL	06/27/87	47
117	CSX	CONFLUENCE	PA	06/28/87	47
118	ATSF	RIO VISTA	TX	06/28/87	48
119	CR/ ATK	LIMA	OH	07/01/87	48

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120	ATK/ CO	MILTON	WV	07/01/87	48
121	BN	CASEY	TX	07/07/87	49
122	UP	NORTH LITTLE ROCK	AR	07/08/87	49
123	CSX	CAMDEN STATION	MD	07/08/87	50
124	CR	MILMAY	NJ	07/10/87	50
125	NW	CARROLLTON	MO	07/10/87	50
126	CR	OSCEOLA	IN	07/15/87	51
127	CR	LACE	PA	07/15/87	51
128	ATSF	MEDILL	MO	07/15/87	51
129	BN	IRVING	TX	07/16/87	52
130	UP	BRADFORD	AR	07/16/87	52
131	CSX	ERWIN	TN	07/17/87	53
132	UP	MODE	IL	07/19/87	53
133	CR	BROOK PARK	OH	07/20/87	53
134	CSX	ORLEANS ROAD	WV	07/22/87	54
135	CSX	CINCINNATI	OH	07/23/87	54
136	SP	COMPTON	CA	07/23/87	55
137	CSX	MILTON	WV	07/24/87	55
138	CSX/ ATK	JACKSONVILLE	FL	07/25/87	55
139	UP	ARCHER	WY	07/26/87	56
140	CSX	CONNELLSVILLE	PA	07/28/87	56
141	UP/ ATK	GRAND SALINE	TX	07/29/87	57
142	AGS/ ATK	HATTIESBURG	MS	07/29/87	57
143	CSX	POWELL	OH	07/29/87	57
144	UP/ SSW	PERRY	KS	07/29/87	58
145	BN	FALLS CITY	NE	07/31/87	58
146	CR/ NYSW	LORDVILLE	NY	08/01/87	58
147	ATSF	EL PASO	IL	08/01/87	59
148	CR/ ATK	VAN WERT	OH	08/04/87	59
149	CSX	MT SAVAGE JCT	MD	08/04/87	59
150	ATK/ CSX	PITTSBURGH	PA	08/05/87	60
151	CR	TORRANCE	PA	08/06/87	60
152	CR	ELYRIA	OH	08/08/87	60
153	UP	GRANDVIEW	WA	08/11/87	61
154	BN	CLARENCE	MO	08/12/87	61
155	CSX	WATKINS	AL	08/14/87	62
156	ATSF	DUMAS	TX	08/17/87	62
157	UP	HILGARD	OR	08/21/87	62
158	CSX	PORT VUE	PA	08/22/87	63
159	ICG/ ATK	NESBIT	MS	08/25/87	63

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160	SOO	HAWKINS	WI	08/27/87	63
161	SP/ ATK	GERMANN	AZ	08/29/87	64
162	CSX	LAKE CITY	SC	08/29/87	64
163	BN	BELGRADE	MT	09/01/87	64
164	CR	URBANA	OH	09/01/87	65
165	CSX	TAKOMA PARK	DC	09/05/87	65
166	SP	EDISON	CA	09/07/87	65
167	SP	POMONA	CA	09/08/87	66
168	SSW	COMMERCE	TX	09/09/87	66
169	SP/ ATK	DIXON	CA	09/11/87	66
170	NW	ANDOVER	VA	09/14/87	67
171	UP	NORTH PLATTE	NE	09/17/87	67
172	SOO	WYNDMERE	ND	09/22/87	68
173	CSX	KILGORE	SC	09/22/87	68
174	CSX	WILHOIT	KY	09/22/87	68
175	PLE/ ATK	PORT VUE	PA	09/22/87	69
176	CSX	CHAMBERSBURG	PA	09/23/87	69
177	CSX	BRUNSWICK	MD	09/26/87	70
178	UP	OGDEN	UT	09/27/87	70
179	EJE	RONDOUT	IL	09/27/87	70
180	CSX	RASSELAS	PA	09/29/87	71
181	ATSF	BRENHAM	TX	10/01/87	71
182	CSX	EAST SAUGATUCK	MI	10/02/87	71
183	SP	SHREVEPORT	LA	10/03/87	72
184	SP	GROESBECK	TX	10/03/87	72
185	ATSF	WINFIELD	KS	10/04/87	72
186	DH/ NYSW	BINGHAMTON	NY	10/06/87	73
187	CSX	ELMORE	NC	10/09/87	73
188	ATK/ BN	RUSSELL	IA	10/12/87	73
189	CR	ANNVILLE	PA	10/12/87	74
190	SP	WEST COLTON	CA	10/15/87	74
191	UP	CHAMMOIS	MO	10/16/87	75
192	ATSF	BOISE CITY	OK	10/18/87	75
193	SP	M McNARY	TX	10/18/87	75
194	UP	DURAND	KS	10/20/87	76
195	CNW	ENTERPRISE	IA	10/21/87	76
196	BN	DODSON	MT	10/23/87	76
197	SOO	BEEHUNTER	IN	10/25/87	77
198	ATK	PITTSBORO	IN	10/27/87	77
199	ATK	MICHIGAN	IN	10/27/87	77
200	NW	GENEVA	OH	10/30/87	78
201	CR	COLLINGTON	MD	10/30/87	78
202	SOU	GREENSBORO	NC	10/30/87	78

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
203	MRL	WEST END	MT	10/31/87	79
204	NW	DUNKIRK	NY	11/01/87	79
205	UP	DYER	AR	11/01/87	79
206	ATSF	ARKANSAS CITY	KS	11/07/87	80
207	UP	NUGGET	WY	11/08/87	80
208	NW	MORENCI	MI	11/09/87	81
209	TCT	TEXAS CITY	TX	11/09/87	81
210	CSX	STANTON	TN	11/10/87	81
211	ATK/ SOO	DAKOTA	MN	11/10/87	82
212	CSX	PIQUA	OH	11/12/87	82
213	MBTA/ ATK	BOSTON	MA	11/12/87	82
214	CSX	STEVENSON	AL	11/13/87	83
215	UP	TEXARKANA	TX	11/15/87	83
216	BN	CHEROKEE	KS	11/15/87	84
217	SP	DEMING	NM	11/20/87	84
218	CSX/ ATK	FT. BASINGER	FL	11/22/87	84
219	UP	PINE BLUFF	AR	11/23/87	85
220	CSX/ ATK	MANGO	FL	11/25/87	85
221	GTW	HOLLY	MI	11/27/87	85
222	UP	LITTLE ROCK	AR	11/29/87	86
223	SOU	CHARLESTON	TN	12/02/87	86
224	BN	GRASSTON	MN	12/05/87	87
225	UP	URANIA	LA	12/06/87	87
226	SSW	TEXARKANA	TX	12/11/87	88
227	SOU	BELLEVILLE	IL	12/11/87	88
228	UP	ROUND ROCK	TX	12/12/87	89
229	UP	WACROSS	AR	12/15/87	89
230	SSW	GREENSBURG	KS	12/15/87	89
231	UP	BUFFALO	TX	12/17/87	90
232	BN	AURORA	IL	12/19/87	90
233	SP/ ATK	DEL RIO	TX	12/20/87	90
234	ATSF/ ATK	LAKIN	KS	12/21/87	91
235	BN	SEDGWICK	AR	12/22/87	91
236	CSX/ ATK	CLAREMONT	WV	12/25/87	91
237	UP	WOODLAWN	TX	12/26/87	92
238	MRL	MISSOULA	MT	12/26/87	92

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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CR	01/03/87	8:30 AM	MARTEL	OH	RAIL-HWY CROSSING	3	0	\$1,200
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1	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 5 AUTOMATIC BLOCK TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		5059E	64 MPH
	EQUIPMENT DERAILED:	NONE						

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

AGS/ ATK	01/03/87	3:04 PM	YORK	AL	RAIL-HWY CROSSING	3	0	\$0
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2	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 TRAFFIC CONTROL			MOVEMENTS INVOLVED: PASSENGER TRAIN		819	75 MPH
	EQUIPMENT DERAILED:	NONE						

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.

CR/ ATK	01/04/87	1:30 PM	CHASE	MD	REAR-END COLLISION	16	228	\$16,602,749
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3	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 6 TRAFFIC CONTROL CAB SIGNAL AUTO TRAIN CONTROL			MOVEMENTS INVOLVED: PASSENGER TRAIN LIGHT LOCO(S)		94 ENS121	100 MPH 0
	EQUIPMENT DERAILED:	4 LOCOMOTIVE(S) 12 CAR(S)						

PROBABLE CAUSE: FAILURE OF THE CONRAIL CREW TO STOP SHORT OF HOME SIGNAL 1N DISPLAYING STOP INDICATION ON TRACK NO. 1.

CONTRIBUTING FACTOR: IMPROPER TEST OF AUTOMATIC CAB SIGNAL DEVICE PRIOR TO DEPARTING BAYVIEW YARD AT BALTIMORE, MARYLAND; DEFECTIVE AUTOMATIC CAB SIGNAL DEVICE HAVING LAMP MISSING FROM APPROACH ASPECT AND AUDIBLE INDICATOR MUTED WITH DUCT TAPE; AND THE USE OF MARIJUANA BY THE CONRAIL CREW IN LOCOMOTIVE CAB PRIOR TO THE ACCIDENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	01/04/87	6:05 PM	CALLICOON	NY	DERAILMENT	0	0	\$223,200
4	TYPE OF TRACK: CLASS OF TRACK:		MAIN 3	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6642	40 MPH
	METHOD OF OPERATION: EQUIPMENT DERAILED:		TRAFFIC CONTROL 3 LOCOMOTIVE(S) 27 CAR(S)					
HAZARDOUS MATERIALS RELEASED:			YES	NUMBER EVACUATED:		68		
PROBABLE CAUSE: THE 131-POUND RAIL BROKE UNDER THE TRAIN'S MOVEMENT, DUE TO A TRANSVERSE FISSURE.								
LNW	01/06/87	10:40 AM	EMERSON	AR	DERAILMENT	0	0	\$62,691
5	TYPE OF TRACK: CLASS OF TRACK:		MAIN 3	MOVEMENTS INVOLVED: FREIGHT TRAIN			15	30 MPH
	METHOD OF OPERATION: EQUIPMENT DERAILED:		TIME TABLE TRAIN ORDERS 13 CAR(S)					
HAZARDOUS MATERIALS RELEASED:			YES	NUMBER EVACUATED:		450		
PROBABLE CAUSE: BOLT HOLE BREAK OUT IN THE RAIL HEAD.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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UP	01/07/87	8:10 AM	DAVENPORT	NE	RAIL-HWY CROSSING	3	0	\$20
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6	TYPE OF TRACK: MAIN		CLASS OF TRACK: 5		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: NONE	
MOVEMENTS INVOLVED: FREIGHT TRAIN						X3540	61 MPH	

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.

ATSF	01/08/87	7:50 PM	BUMSTEAD	AZ	DERAILMENT	0	0	\$7,200
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7	TYPE OF TRACK: AUXILIARY		CLASS OF TRACK: 1		METHOD OF OPERATION: TRACK WARRANT CONTROL		EQUIPMENT DERAILED: 4 CAR(S)	
MOVEMENTS INVOLVED: FREIGHT TRAIN						X2746	11 MPH	

HAZARDOUS MATERIALS RELEASED: NO NUMBER EVACUATED: 11

PROBABLE CAUSE: UNDETERMINED.

SOU	01/11/87	5:00 PM	LINWOOD	NC	OTHER	0	2	\$141,700
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8	TYPE OF TRACK: YARD		CLASS OF TRACK: 2		METHOD OF OPERATION: CARRIER RULES		EQUIPMENT DERAILED: 19 CAR(S)	
MOVEMENTS INVOLVED: YARD/SWITCHING						EA 62	14 MPH	

PROBABLE CAUSE: KNUCKLE FAILURE ON THE SOUTH END OF THE 15TH CAR RESULTING FROM EXCESSIVE DRAFT FORCES.

CONTRIBUTING FACTOR: FAILURE TO PERFORM SWITCHING IN A SAFE MANNER.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	01/13/87	10:20 AM	RAVENNA	OH	OBSTRUCTION	0	0	\$81,800
9	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN MOW EQUIPMENT			X4402	35 MPH 0
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 4402 EAST TO OPERATE THEIR TRAIN IN ACCORDANCE WITH TRAIN ORDER NO. 677, DATED JANUARY 12, 1987.								
CONTRIBUTING FACTOR: THE FAILURE OF THE PRODUCTION FOREMAN TO PLACE TEMPORARY SPEED SIGNS IN THE DIRECTION OF APPROACH ON THE TRACK SPECIFIED IN THE TRAIN ORDER. ALSO, A POSSIBLE CONTRIBUTING FACTOR WAS THE ENGINEER'S USE OF ALCOHOL.								
SEPA/ ATK	01/14/87	4:37 PM	PHILADELPHIA	PA	DERAILMENT	0	0	\$58,700
10	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 1 TRAFFIC CONTROL 3 LOCOMOTIVE(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN			615	15 MPH
PROBABLE CAUSE: A CHIPPED AND WORN LEFT-HAND SWITCH POINT WHICH DID NOT PROPERLY FIT THE CURVE-WORN STOCKRAIL.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP/ ATK	01/15/87	1:04 PM	CANBY	OR	RAIL-HWY CROSSING	0	1	\$11,125
11	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 1 LOCOMOTIVE(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		14	30 MPH
PROBABLE CAUSE: ATK PASSENGER TRAIN NO. 14 STRUCK A TRUCK-TRAILER THAT WAS LODGED ON THE TRACK AT THE CROSSING.								
CSX	01/15/87	4:40 PM	CONFLUENCE	PA	DERAILMENT	0	0	\$254,500
12	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 28 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4372	30 MPH
PROBABLE CAUSE: UNDETERMINED.								
SP	01/16/87	4:28 AM	CASHION	AZ	DERAILMENT	0	1	\$519,000
13	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE YARD LIMITS 3 LOCOMOTIVE(S) 13 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7619	50 MPH
PROBABLE CAUSE: A PULL APART OF THE JOINTED 113-POUND NORTH RAIL UNDER LEAD LOCOMOTIVE SP 7619, ALLOWING THE TRAILING LOCOMOTIVE WHEELS TO DERAIL.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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LI	01/18/87	9:30 AM	MASTIC-SHIRLEY	NY	RAIL-HWY CROSSING	1	0	\$500
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14			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 MANUAL BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: PASSENGER TRAIN		4002	50 MPH
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: THE MOTOR VEHICLE SKIDDED ON THE WET PAVEMENT UNDER THE LOWERED CROSSING GATE INTO PATH OF THE TRAIN.

CR	01/18/87	7:08 PM	DELTA	OH	RAIL-HWY CROSSING	2	2	\$100
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15			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 5 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3318	38 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
NIRC	01/18/87	11:32 PM	MOKENA	IL	RAIL-HWY CROSSING	2	1	\$2,500
16	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN		6102	60 MPH	
	EQUIPMENT DERAILED:		NONE					
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.								
CSX	01/19/87	1:20 AM	DEATSVILLE	AL	DERAILMENT	0	0	\$1,269,000
17	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		M648	45 MPH	
	EQUIPMENT DERAILED:		8 LOCOMOTIVE(S) 35 CAR(S)					
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED:								
PROBABLE CAUSE: A WASHOUT OF THE TRACK STRUCTURE DUE TO THE FAILURE OF AN EARTHEN DAM ALLOWING A LAKE TO EMPTY TOWARD THE TRACK.								
SP	01/21/87	6:30 PM	LITCHFIELD	AZ	RAIL-HWY CROSSING	2	0	\$0
18	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		DIRECT TRAFFIC CONTRO	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7765	50 MPH	
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE UNLICENSED 14-YEAR-OLD DRIVER FAILED TO STOP THE VEHICLE AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	01/23/87	3:45 PM	TEPCO JUNCTION	AZ	RAIL-HWY CROSSING	2	0	\$0
19	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRACK WARRANT CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5092	49 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
MNCW/ ATK	01/24/87	3:14 PM	NEW HAVEN	CT	DERAILMENT	0	0	\$6,000
20	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 1 INTERLOCKING 1 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		475	10 MPH
PROBABLE CAUSE: A HEAD AND WEB SEPARATION WITHIN THE JOINT BAR AREA, WHICH BROKE OUT UNDER THE LOCOMOTIVE MOVEMENT.								
NW	01/24/87	6:25 PM	SHARONVILLE	OH	RAIL-HWY CROSSING	3	0	\$0
21	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6550	42 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.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK/ BM	01/25/87	8:15 AM	EAST FITCHBURG	MA	OBSTRUCTION	0	2	\$259,345
22	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	POSE-24	35 MPH
	EQUIPMENT DERAILED:		6 LOCOMOTIVE(S)			FREIGHT TRAIN	POPY-24	0
			10 CAR(S)					

PROBABLE CAUSE: A DERAILED CAR FROM TRAIN POPY-24, FOULING THE WESTWARD MAIN TRACK IN FRONT OF TRAIN POSE-24.

CONTRIBUTING FACTOR: FAILURE OF THE CREW OF TRAIN POPY TO DETECT DERAILED CAR, DUE TO THE ABSENCE OF A MAN RIDING THE LEADING END OF THE CARS. FAILURE OF THE CARRIER TO MAINTAIN THE TRACK FREE OF SNOW TO THE EXTENT NECESSARY FOR THE SAFE PASSAGE OF TRAINS.

ATK	01/28/87	11:52 AM	GALIEN	MI	RAIL-HWY CROSSING	1	0	\$2,500
23	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		PASSENGER TRAIN	351	75 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
ICG/ ATK	01/28/87	9:10 PM	RANTOUL	IL	RAIL-HWY CROSSING	1	0	\$0
24	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: PASSENGER TRAIN		59	30 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.								
FEC	01/31/87	4:07 AM	BUNKER ROAD	FL	RAIL-HWY CROSSING	2	0	\$490
25	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X421	40 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.								
CONTRIBUTING FACTOR: ACCORDING TO THE PALM BEACH COUNTY SHERIFF'S OFFICE CRIME LABORATORY REPORT, THE USE OF COCAINE BY THE MOTOR VEHICLE OPERATOR COULD HAVE IMPAIRED HIS ABILITY TO OPERATE A MOTOR VEHICLE.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SOU	01/31/87	8:40 AM	CORINTH	MS	DERAILMENT	0	0	\$283,212
26	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED:		FREIGHT TRAIN	162	36 MPH
	EQUIPMENT DERAILED:		TIME TABLE					
			TRAIN ORDERS					
			8 CAR(S)					
HAZARDOUS MATERIALS RELEASED:				YES	NUMBER EVACUATED:		200	
PROBABLE CAUSE: THE COUPLER OF CAR NO. SP 247514, THE 63RD CAR, SEPARATED FROM THE DRAFT GEAR AND FELL ONTO THE TRACK STRUCTURE. THE DRAFT GEAR CROSS KEY WORKED OUT OF POSITION BECAUSE THE RETAINER FOR THE CROSS KEY WAS MISSING.								

DWP	02/03/87	12:00 PM	HALEY	MN	DERAILMENT	0	1	\$616,000
27	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X5910	45 MPH
	EQUIPMENT DERAILED:		5 LOCOMOTIVE(S)					
			17 CAR(S)					
PROBABLE CAUSE: A BROKEN 100-POUND RAIL (ORDINARY BREAK).								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	02/05/87	3:45 PM	RUPERT	ID	HEAD-END COLLISION	0	3	\$37,500
28	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 YARD LIMITS		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X3640 X3586	2 MPH 20
	EQUIPMENT DERAILED:		1 CABOOSE(S)					
PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 3586 EAST TO COMPLY WITH YARD LIMIT RULE, NO. 93.								
CSX	02/06/87	8:57 AM	EAST CONCORD	NY	HEAD-END COLLISION	2	6	\$1,848,450
29	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X4309 X4443	30 MPH 30
	EQUIPMENT DERAILED:		6 LOCOMOTIVE(S) 19 CAR(S)					
PROBABLE CAUSE: FAILURE TO DELIVER A COPY OF TRAIN ORDER NO. 4 TO THE CREW OF EXTRA 4443 NORTH.								
BN	02/07/87	2:20 PM	EXETER	NE	DERAILMENT	0	0	\$826,000
30	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7158	59 MPH
	EQUIPMENT DERAILED:		35 CAR(S)					
PROBABLE CAUSE: TRACK ALIGNMENT IRREGULAR (BUCKLED).								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	02/09/87	6:40 AM	MORRIS	PA	DERAILMENT	0	3	\$197,737
31	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		YARD 2 YARD RULES 3 CAR(S)		MOVEMENTS INVOLVED: YARD/SWITCHING		YPM06	5 MPH
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: 2500				
PROBABLE CAUSE: COUPLERS BETWEEN TANK CARS ACFX 84324 AND STMK 4634 BYPASSED, PUNCTURING TANK CAR DURING SWITCHING OPERATIONS.								
CR	02/14/87	8:57 PM	WIRE	IN	RAIL-HWY CROSSING	3	1	\$0
32	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		TV12M	55 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.								
CR/ ATK	02/17/87	5:49 PM	MARYSVILLE	PA	DERAILMENT	0	0	\$12,800
33	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 1 LOCOMOTIVE(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		X305	37 MPH
PROBABLE CAUSE: BROKEN AXLE AT LEFT NO. 3 TRACTION MOTOR SUPPORT BEARING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MNCW	02/17/87	7:10 PM	NEW YORK	NY	HEAD-END COLLISION	0	30	\$24,800
34	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN PASSENGER TRAIN			777 2388	0 MPH 6
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: THE FAILURE OF THE ENGINEER OF TRAIN NO. 2388 TO COMPLY WITH SIGNAL INDICATIONS.								
CGA	02/18/87	6:55 PM	LEESBURG	GA	RAIL-HWY CROSSING	2	0	\$500
35	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN			85	54 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	02/19/87	9:32 AM	RENSSELAER	IN	RAIL-HWY CROSSING	1	0	\$30,000
36	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 MANUAL BLOCK AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: PASSENGER TRAIN		94	77 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE TRUCK AT THE CROSSING.								
CSX	02/19/87	5:35 PM	WADLEY	AL	OBSTRUCTION	0	4	\$1,200,000
37	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 4 LOCOMOTIVE(S) 19 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		A647	42 MPH
PROBABLE CAUSE: AN OBSTRUCTION OF ROCK AND DIRT ON THE TRACK STRUCTURE DUE TO A SLIDE FROM THE SIDE HILL CUT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	02/20/87	1:15 AM	DALIES	NM	REAR-END COLLISION	1	5	\$5,475
38			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN CAMP CAR		X5404 20351	0 MPH UNK
			EQUIPMENT DERAILED:	NONE				
			PROBABLE CAUSE:	AN INOPERATIVE HAND BRAKE ON AN OCCUPIED MAINTENANCE-OF-WAY CAR, CAR ATSF 203510, WHICH ROLLED FREE DURING SWITCHING.				
			CONTRIBUTING FACTOR:	FAILURE OF THE TRAIN CREWMEMBER TO TEST THE HAND BRAKE ON THE CAR TO BE SURE THAT IT WAS OPERATIVE AND THE BRAKES WERE SET.				
CSX	02/24/87	8:55 PM	LAGRANGE	GA	RAIL-HWY CROSSING	2	0	\$100
39			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 MANUAL BLOCK AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		M-725	47 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	
SP	02/27/87	2:38 PM	CLEVELAND	TX	DERAILMENT	0	11	\$507,300	
40	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: DIRECT TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN	X7242	47 MPH
EQUIPMENT DERAILED:		25 CAR(S)		HAZARDOUS MATERIALS RELEASED: YES		NUMBER EVACUATED: 3		PROBABLE CAUSE: BROKEN 132 LB CONTINUOUS WELDED RAIL.	
UP	03/03/87	9:35 PM	BRIGHAM CITY	UT	RAIL-HWY CROSSING	4	0	\$0	
41	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN	X3676	37 MPH
EQUIPMENT DERAILED:		NONE		PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.					
BN	03/03/87	10:45 PM	GIBBS	MO	DERAILMENT	0	2	\$322,000	
42	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN	X6719	60 MPH
EQUIPMENT DERAILED:		27 CAR(S)		HAZARDOUS MATERIALS RELEASED: YES		NUMBER EVACUATED:		PROBABLE CAUSE: A BROKEN PAIR OF RAIL JOINT BARS.	

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	03/04/87	3:45 PM	JUSTICEBURG	TX	DERAILMENT	0	0	\$182,400
43	TYPE OF TRACK: MAIN CLASS OF TRACK: 4 METHOD OF OPERATION: TRAFFIC CONTROL EQUIPMENT DERAILED: 18 CAR(S)				MOVEMENTS INVOLVED: FREIGHT TRAIN		X5059	54 MPH
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED:				
PROBABLE CAUSE: EXCESSIVE SIDE BEARING CLEARANCE ON CAR NO. ATSF 73204, A GONDOLA CAR.								
CSX	03/04/87	4:40 PM	SEARCY	AL	OBSTRUCTION	0	2	\$300,700
44	TYPE OF TRACK: MAIN CLASS OF TRACK: 4 METHOD OF OPERATION: TRAFFIC CONTROL EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)				MOVEMENTS INVOLVED: FREIGHT TRAIN MOW EQUIPMENT		X4170	40 MPH 20
PROBABLE CAUSE: FAILURE OF TRAIN DISPATCHER TO PROTECT ON-TRACK EQUIPMENT, BY ALLOWING A TRAIN TO OCCUPY SPECIFIED MAIN TRACK LIMITS AUTHORIZED TO ON-TRACK EQUIPMENT.								
NYSW	03/08/87	11:55 PM	FRANKLIN	NJ	DERAILMENT	0	0	\$300,000
45	TYPE OF TRACK: MAIN CLASS OF TRACK: 2 METHOD OF OPERATION: TIME TABLE TRAIN ORDERS EQUIPMENT DERAILED: 4 CAR(S)				MOVEMENTS INVOLVED: FREIGHT TRAIN		SLN-4	19 MPH
PROBABLE CAUSE: LATERAL DISPLACEMENT OF THE OUTSIDE RAIL OF A 5-DEGREE CURVE DUE TO FOUR INEFFECTIVE TIES SPANNING A DISTANCE OF 106 INCHES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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BN	03/11/87	2:45 PM	HODGES	MT	LOCOMOTIVE	0	0	\$611,500
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46			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 AUTOMATIC BLOCK TRACK WARRANT CONTROL 5 LOCOMOTIVE(S) 26 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7892	50 MPH
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PROBABLE CAUSE: THE NO. 4 TRACTION MOTOR ARMATURE BEARING SEIZED ON LOCOMOTIVE BN 1904, CAUSING THE WHEEL SET TO SLIDE AND DEVELOP FLAT SPOTS IN THE CENTER OF THE WHEEL TREAD. THE OUTER EDGE OF THE WHEEL SUBSEQUENTLY CONTACTED THE GAGE SIDE OF THE STOCK RAIL OF THE SWITCH AT MILEPOST 196.7, FORCING THE RAIL OUTWARD, CREATING WIDE GAGE, AND INITIATING THE DERAILMENT.

SEPA	03/11/87	12:16 PM	FORTUNA	PA	RAIL-HWY CROSSING	1	2	\$44,426
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47			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN		568	20 MPH
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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	03/14/87	10:15 PM	FORDYCE	AR	RAIL-HWY CROSSING	2	0	\$0

48			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN		1LAMF-12	40 MPH
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PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

CONTRIBUTING FACTOR: A CONTRIBUTING FACTOR WAS IMPAIRMENT OF THE VEHICLE OPERATOR FROM ALCOHOL.

UP	03/15/87	6:57 AM	BROWDER	TX	RAIL-HWY CROSSING	2	0	\$0
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49			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X9039	50 MPH
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PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

ATK	03/17/87	10:28 AM	MICHIGAN CITY	IN	RAIL-HWY CROSSING	3	0	\$25,000
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50			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN		364	74 MPH
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PROBABLE CAUSE: THE PICKUP TRUCK OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING PROTECTED BY CROSSBUCKS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	03/19/87	10:30 PM	DECATUR	TX	DERAILMENT	0	2	\$806,700
51	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRACK WARRANT CONTROL 39 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7321	33 MPH
PROBABLE CAUSE: EXCESSIVE IN-TRAIN FORCES CAUSED THE YOKE ON THE B-END OF CAR NO. UFIX 10050 TO FAIL, SEPARATING THE TRAIN.								
UP	03/24/87	5:35 AM	IRON MOUNTAIN	MO	RAIL-HWY CROSSING	0	1	\$0
52	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3574	10 MPH
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
UP	03/24/87	3:00 PM	BIG SPRINGS	NE	DERAILMENT	0	0	\$248,057
53	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TRAFFIC CONTROL 26 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9007	47 MPH
PROBABLE CAUSE: HIGH WIND BLOWING THE EMPTY DOUBLE-STACK CONTAINER, FIVE-UNIT INTERMODAL WELL CAR, DTTA-B-C-D-E 62206, OFF THE TRACK.								
PLE/ CSX	03/25/87	4:10 AM	COLLEGE	PA	DERAILMENT	0	0	\$252,000
54	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 TRAFFIC CONTROL 17 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4390	23 MPH
PROBABLE CAUSE: AN IRREGULAR CROSS LEVEL ALLOWED A LOADED AUTO RACK CAR TO ROCK OFF IN CURVED TRACK.								
BN	03/25/87	7:33 AM	COON	AR	RAIL-HWY CROSSING	5	0	\$0
55	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		01GM8MU-23	43 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
UP	03/27/87	10:40 PM	MIDLAND	KS	RAIL-HWY CROSSING	4	0	\$600
56	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 5 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5054	65 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
NLG	03/30/87	9:10 PM	GIBSLAND	LA	RAIL-HWY CROSSING	2	0	\$100
57	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 1 TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		9	8 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	03/30/87	9:15 PM	BELLWOOD	VA	OTHER	2	2	\$61,050
58	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 TIME TABLE YARD LIMITS		MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN		F-710	0 MPH 14
	EQUIPMENT DERAILED:		2 CAR(S) 1 CABOOSE(S)					
PROBABLE CAUSE: FAILURE OF THE CREW TO COMPLY WITH RULE 93, WHICH REQUIRED STOPPING SHORT OF CUT OF CARS.								
CONTRIBUTING FACTOR: FAILURE TO SECURE CUT OF CARS TO PREVENT CARS FROM MOVING UNATTENDED ONTO MAIN TRACKS.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSS	04/01/87	4:50 PM	HAMMOND	IL	SIDE COLLISION	1	0	\$57,000

59			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 2 INTERLOCKING 1 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN CUT OF CARS		216	5 MPH 0
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PROBABLE CAUSE: BLOCK SIGNAL DISPLAYED A FALSE PROCEED BECAUSE AN ACCUMULATION OF RUST ON THE WHEELS OF CAR WP 10025 AND A RUSTY RAIL SURFACE IN THE FOULING SECTION PREVENTED THE PROPER SHUNTING OF THE TRACK CIRCUIT.

CSX	04/01/87	5:40 PM	COLLEGE PARK	GA	RAIL-HWY CROSSING	2	0	\$0
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60			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 MANUAL BLOCK AUTOMATIC BLOCK NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN		M752	34 MPH
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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
ATSF	04/04/87	5:37 PM	BUCKHOLTS	TX	SIDE COLLISION	0	0	\$925,850

61			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 5 LOCOMOTIVE(S) 7 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X1543 X1195	50 MPH 30
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PROBABLE CAUSE: THE CREW OF ATSF EXTRA 1543 EAST FAILED TO OPERATE THEIR TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

UP	04/07/87	4:15 PM	BAKER	OR	SIDE COLLISION	0	0	\$130,800
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62			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 1 LOCOMOTIVE(S) 12 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X3363 X9003	15 MPH 40
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PROBABLE CAUSE: THE CREW OF EXTRA 9003 EAST FAILED TO COMPLY WITH SIGNAL INDICATIONS AFFECTING THEIR TRAIN MOVEMENT AND TO CONTROL THE SPEED OF THEIR TRAIN.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MEC/ ST	04/07/87	11:45 PM	HERMON	ME	DERAILMENT	0	0	\$69,718
63	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		YARD 1 YARD RULES 2 LOCOMOTIVE(S)		MOVEMENTS INVOLVED: LIGHT LOCO(S)			25 MPH
PROBABLE CAUSE: UNKNOWN PERSON(S) RELEASED BRAKES, AND STARTED UNOCCUPIED LOCOMOTIVES IN MOTION.								
BN	04/10/87	12:30 PM	NEUTRAL	KS	RAIL-HWY CROSSING	2	0	\$0
64	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8041	52 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
FEC	04/11/87	7:28 AM	BUNNELL	FL	REAR-END COLLISION	2	0	\$374,800
65	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TRAFFIC CONTROL 4 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X429 X423	0 MPH UNK
PROBABLE CAUSE: FAILURE OF CREW MEMBERS OF EXTRA 423 NORTH TO OPERATE THEIR TRAIN IN ACCORDANCE WITH RESTRICTED PROCEED ASPECT DISPLAYED BY SIGNAL 89.6 AND STOP SHORT OF COLLISION WITH REAR OF EXTRA 429 NORTH.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	04/11/87	12:29 PM	PITTSBURGH	PA	DERAILMENT	0	25	\$653,328

66
 TYPE OF TRACK: MAIN
 CLASS OF TRACK: 2
 METHOD OF OPERATION: TRAFFIC CONTROL
 EQUIPMENT DERAILED: 33 CAR(S)

MOVEMENTS INVOLVED: FREIGHT TRAIN X6278 15 MPH
 FREIGHT TRAIN X3188 60

HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 22000

PROBABLE CAUSE: THE CREW OF EXTRA 3188 WEST FAILED TO CONTROL SPEED OF TRAIN CAUSING IT TO DERAIL INTO THE SIDE OF EASTBOUND EXTRA 6278.

CONTRIBUTING FACTOR: A POSSIBLE CONTRIBUTING FACTOR WAS THE ENGINEER'S SELF-MEDICATION BY BUTALBITAL, A CENTRAL NERVOUS SYSTEM DEPRESSANT.

CR/ ATK	04/13/87	6:52 AM	COLUMBIA CITY	IN	RAIL-HWY CROSSING	3	0	\$100
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67
 TYPE OF TRACK: MAIN
 CLASS OF TRACK: 4
 METHOD OF OPERATION: TIME TABLE TRAIN ORDERS ABSOLUTE PERMISSIVE B
 EQUIPMENT DERAILED: NONE

MOVEMENTS INVOLVED: PASSENGER TRAIN 41 69 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
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PATH	04/13/87	1:58 PM	HOBOKEN	NJ	HEAD-END COLLISION	0	1	\$11,100
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68			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	YARD 1 TRAFFIC CONTROL 1 LOCOMOTIVE(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN		146	3 MPH
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PROBABLE CAUSE: MOTORMAN FAILED TO STOP TRAIN SHORT OF BUMPING BLOCK.

CONTRIBUTING FACTOR: THE ELECTRO-PNEUMATIC BRAKE FEATURE WAS SHUT OFF, WHICH INCREASED BRAKE APPLICATION RESPONSE TIME. ALSO, A POSSIBLE CONTRIBUTING FACTOR WAS THE MOTORMAN'S USE OF A CONTROLLED SUBSTANCE SOMETIME PRIOR TO THE ACCIDENT.

SP/ ATK	04/18/87	8:31 PM	FRUITVILLE	CA	RAIL-HWY CROSSING	2	0	\$0
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69			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: PASSENGER TRAIN		13	60 MPH
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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
CR	04/25/87	12:38 AM	GALION	OH	RAIL-HWY CROSSING	2	0	\$100
70	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	6421W	50 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
UP	04/25/87	2:20 PM	PILOT POINT	TX	DERAILMENT	0	0	\$244,650
71	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X3130	30 MPH
	EQUIPMENT DERAILED:		15 CAR(S)					
PROBABLE CAUSE: SIDE SILL FAILURE ON THE "B" END OF CAR NO. MP 710789, A COVERED HOPPER, ALLOWING THE "B" END SECTION OF THE CAR TO SEPARATE FROM THE MAIN BODY OF THE CAR.								
KCS/ UP	04/25/87	9:20 PM	TEXARKANA	TX	SIDE COLLISION	0	2	\$40,700
72	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		INTERLOCKING	MOVEMENTS INVOLVED:		FREIGHT TRAIN	92	5 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE(S)			FREIGHT TRAIN	152	5
PROBABLE CAUSE: THE FAILURE OF THE CREW OF TRAIN UP 152 TO STOP THE TRAIN SHORT OF AN INTERLOCKING HOME SIGNAL DISPLAYING A STOP INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
PATH	04/27/87	8:18 AM	NEW YORK	NY	REAR-END COLLISION	0	23	\$7,300
73	TYPE OF TRACK:		YARD					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		PASSENGER TRAIN	757	0 MPH
						PASSENGER TRAIN	811	5
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE FAILURE OF THE MOTORMAN TO OPERATE TRAIN NO. 811 IN ACCORDANCE WITH SIGNAL INDICATIONS AND THE REQUIREMENTS OF PATH NOTICE TD-81-66.								
CONTRIBUTING FACTOR: A CONTRIBUTING FACTOR WAS THE USE OF MARIJUANA BY THE MOTORMAN OF TRAIN NO. 811 SOMETIME PRIOR TO THE ACCIDENT.								
S00	04/27/87	1:24 PM	MORAVIA	IA	REAR-END COLLISION	0	2	\$148,000
74	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X149	10 MPH
						FREIGHT TRAIN	X6308	27
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S) 4 CAR(S) 1 CABOOSE(S)					
PROBABLE CAUSE: FAILURE OF THE CONDUCTOR OF EXTRA 149 WEST TO PROVIDE PROTECTION AGAINST THE FOLLOWING TRAIN, AS REQUIRED BY RULE 99, FLAGGING RULE OF THE GENERAL CODE OF OPERATING RULES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ICG/ ATK	04/28/87	8:20 AM	CHENOA	IL	RAIL-HWY CROSSING	1	0	\$74,500
75	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: PASSENGER TRAIN		300	79 MPH
PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING PROTECTED BY AUTOMATIC FLASHING LIGHTS AND BELLS.								
ICG/ NW	04/30/87	11:58 PM	TOLONO	IL	RR GRADE CROSSING	0	1	\$384,700
76	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 INTERLOCKING 5 LOCOMOTIVE(S) 6 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X6146 X3077	15 MPH 7
PROBABLE CAUSE: FAILURE OF THE CREW OF ICG EXTRA 3077 SOUTH TO STOP AT DWARF SIGNAL 3L DISPLAYING A STOP INDICATION.								
ATSF/ ICG	05/02/87	11:52 AM	GILMAN	IL	RR GRADE CROSSING	0	0	\$125,600
77	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 INTERLOCKING 1 LOCOMOTIVE(S) 4 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X6414 X2006	30 MPH 5
PROBABLE CAUSE: FAILURE OF THE CREW OF ICG EXTRA 2006 NORTH TO STOP AT DWARF SIGNAL 19R, WHICH DISPLAYED A STOP INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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CSX/ ATK	05/03/87	5:15 AM	WEST JACKSONVILLE	FL	RAIL-HWY CROSSING	1	1	\$250
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78			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN		91	57 MPH
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PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

SP	05/04/87	2:04 PM	ROWEN	CA	HEAD-END COLLISION	0	3	\$7,000
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79			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	SIDING 2 TRAFFIC CONTROL 2 LOCOMOTIVE(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X7308 X7565	10 MPH 0
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PROBABLE CAUSE: THE FIREMAN OF EXTRA 7565 EAST MADE A REVERSE EASTWARD MOVE IN A CONTROLLED SIDING WITHOUT AUTHORIZATION, AFTER EXTRA 7308 WEST HAD BEEN CLEARED VIA SIGNAL INDICATION INTO THE SAME TRACK.

CONTRIBUTING FACTOR: THE ENGINEER OF EXTRA 7308 WEST FAILED TO CONTROL HIS TRAIN IN COMPLIANCE WITH RESTRICTING SIGNAL INDICATION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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BN	05/04/87	5:50 PM	SHIRLEY	MT	DERAILMENT	0	0	\$139,200
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80	TYPE OF TRACK: MAIN		CLASS OF TRACK: 2		METHOD OF OPERATION: TRACK WARRANT CONTROL		EQUIPMENT DERAILED: 18 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN	194	25 MPH
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PROBABLE CAUSE: THE CWR TRACK BUCKLED UNDER MOVING TRAIN. THE TEMPERATURE ON THE DAY OF THE DERAILEMENT WAS 78 DEGREES F.

CSX	05/06/87	4:20 AM	CONFLUENCE	PA	DERAILMENT	1	0	\$1,172,700
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81	TYPE OF TRACK: MAIN		CLASS OF TRACK: 3		METHOD OF OPERATION: AUTOMATIC BLOCK		EQUIPMENT DERAILED: TIME TABLE TRAIN ORDERS 28 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN	4274	40 MPH
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HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 950

PROBABLE CAUSE: MISMATCHED TRUCK SIDE FRAMES RESULTING IN A 2 1/4 INCH DIFFERENCE IN WHEEL BASE.

CONTRIBUTING FACTOR: A 1 3/4 INCH CROSS LEVEL VARIANCE IN 31 FEET IN LEAVING SPIRAL OF A 5-DEGREE 43-MINUTE CURVE.

BN	05/07/87	2:50 PM	COOKS	WA	OBSTRUCTION	0	0	\$312,000
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82	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: 20 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN	X7896	55 MPH
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HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 0

PROBABLE CAUSE: A BOULDER DISLODGED FROM A STEEP SIDE CUT EMBANKMENT AND ROLLED DOWN THE EMBANKMENT STRIKING THE EIGHTH CAR, TTS 473495, OF EXTRA 7896. THE IMPACT OF THE BOULDER DERAILED THIS CAR AND 19 OTHERS.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	05/08/87	1:15 PM	ORIVA	WY	DERAILMENT	0	2	\$278,500

83			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 30 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7159	43 MPH
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PROBABLE CAUSE: THE CWR TRACK BUCKLED UNDER MOVING TRAIN. THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 82 DEGREES F.

S00	05/10/87	9:10 AM	CRANE	IN	RAIL-HWY CROSSING	2	0	\$1,000
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84			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 DIRECT TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X767	39 MPH
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PROBABLE CAUSE: THE TRACTOR-TRAILER OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

CNTP	05/10/87	2:58 PM	PALM	KY	DERAILMENT	0	0	\$387,700
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85			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 23 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3817	45 MPH
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PROBABLE CAUSE: AN OVERHEATED ROLLER BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. SOU 9509.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/11/87	10:32 AM	ELM CITY	NC	DERAILMENT	0	0	\$587,509
86	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 26 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN			F-460	40 MPH
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: 3000		PROBABLE CAUSE: AN OVERHEATED ROLLER BEARING RESULTING IN JOURNAL FAILURE ON CAR GATX 87811, A TANK CAR.		
CNW	05/13/87	4:11 AM	TAMA	IA	DERAILMENT	0	3	\$1,768,000
87	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TIME TABLE AUTO TRAIN CONTROL TRAIN ORDERS 3 LOCOMOTIVE(S) 24 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN			X5078 X5051	33 MPH 50
PROBABLE CAUSE: IMPROPER TRAIN HANDLING BY THE ENGINEER OF EXTRA 5078 WEST CAUSED THE INITIAL DERAILMENT. THE SECONDARY ACCIDENT, THE RAKING COLLISION, WAS CAUSED BY THE FAILURE OF EXTRA 5078 WEST'S CREW TO PROVIDE FLAG PROTECTION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NYSW	05/16/87	5:30 AM	VERNON	NJ	DERAILMENT	0	0	\$87,600
88	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 TIME TABLE TRAIN ORDERS 10 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		SLN-5	23 MPH
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED:				
PROBABLE CAUSE: IRREGULAR CROSS LEVEL IN THE CURVE ALLOWING THE L2 WHEEL OF CAR NO. PZPX 5808 TO CLIMB THE RAIL.								
CSX/ ATK	05/16/87	8:55 PM	KIRK	MI	RAIL-HWY CROSSING	1	1	\$0
89	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: PASSENGER TRAIN		370	55 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
HBT/ UP	05/17/87	6:20 PM	LAWN DALE	TX	RAIL-HWY CROSSING	0	18	\$950
90	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X1991	15 MPH
PROBABLE CAUSE: THE BUS OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/18/87	5:15 PM	LYLE	VA	DERAILMENT	0	0	\$330,000
91	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 30 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6638	35 MPH
PROBABLE CAUSE: AN OVERHEATED ROLLER BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. PLE 63966.								
MNR/ ATK	05/22/87	7:28 AM	ST PAUL	MN	DERAILMENT	0	0	\$21,900
92	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		YARD 1 YARD RULES 2 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		8	5 MPH
PROBABLE CAUSE: A SWITCH POINT OPENED BECAUSE THE LOCKING MECHANISM FOR THE SWITCH STAND THROW LEVER WAS NOT PROPERLY ENGAGED DUE TO THE SWITCH BEING OUT OF ADJUSTMENT.								
UP	05/22/87	9:05 PM	NEW OSHKOSH	NE	DERAILMENT		0	\$435,200
93	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 31 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5030	40 MPH
PROBABLE CAUSE: BROKEN NO. 3 AXLE ON CAR NO. SFIX 1136, A GONDOLA CAR.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	05/27/87	7:55 AM	HARPERS FERRY	WV	OBSTRUCTION	0	0	\$2,500

94
 TYPE OF TRACK: MAIN
 CLASS OF TRACK: 3
 METHOD OF OPERATION: AUTOMATIC BLOCK
 TIME TABLE
 TRAIN ORDERS
 MOVEMENTS INVOLVED: FREIGHT TRAIN X4270 37 MPH
 EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: A CARRIER MAINTENANCE EMPLOYEE FAILED TO DETERMINE THAT A TRAIN MOVEMENT HE HAD AUTHORIZED HAD NOT BEEN COMPLETED AND AUTHORIZED TRACK OCCUPANCY OF A PRIVATE CONTRACTOR'S MEN AND EQUIPMENT IN THE FACE OF THAT MOVEMENT.

CNW	05/29/87	7:03 AM	TERRA COTTA	IL	RAIL-HWY CROSSING	1	0	\$684
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95
 TYPE OF TRACK: MAIN
 CLASS OF TRACK: 3
 METHOD OF OPERATION: TIME TABLE
 TRAIN ORDERS
 MOVEMENTS INVOLVED: PASSENGER TRAIN 620 35 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
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CSX	06/02/87	11:05 AM	HUNTINGTON	TN	OBSTRUCTION	0	2	\$81,000
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96	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	530	20 MPH
	EQUIPMENT DERAILED:		NONE			MOW EQUIPMENT	4325	2

PROBABLE CAUSE: FAILURE OF THE TRAIN DISPATCHER TO PROPERLY PROTECT HI-RAIL BRUSH CUTTER NO. 4325 IN ACCORDANCE WITH CARRIER OPERATING RULES.

SP	06/03/87	3:30 PM	LIGURTA	AZ	DERAILMENT	0	1	\$2,378,600
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97	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X7656	55 MPH
	EQUIPMENT DERAILED:		5 LOCOMOTIVE(S) 15 CAR(S)					

PROBABLE CAUSE: AN IRREGULAR TRACK ALIGNMENT BECAUSE OF A SUN KINK. THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 109 DEGREES F.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	06/07/87	1:39 PM	GREENSPRING	WV	DERAILMENT	0	0	\$665,000
98	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4251	43 MPH
	EQUIPMENT DERAILED:		CARRIER RULES 27 CAR(S)					
PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED TRACK). THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 90 DEGREES F.								
BM	06/07/87	4:25 PM	MECHANICVILLE	NY	DERAILMENT	0	0	\$134,000
99	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		POSE	26 MPH
	EQUIPMENT DERAILED:		4 LOCOMOTIVE(S) 6 CAR(S)					
HAZARDOUS MATERIALS RELEASED:			YES	NUMBER EVACUATED:				
PROBABLE CAUSE: KNUCKLE PLACED ON SOUTH RAIL OF WESTBOUND MAIN TRACK BY PERSON OR PERSONS UNKNOWN.								
BN	06/08/87	9:30 AM	VINITA	OK	RAIL-HWY CROSSING	1	1	\$443,700
100	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X151	52 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S) 28 CAR(S)					
HAZARDOUS MATERIALS RELEASED:			YES	NUMBER EVACUATED:			9	
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
BN	06/09/87	5:52 AM	PROSPER	TX	HEAD-END COLLISION	1	2	\$92,500

101	TYPE OF TRACK: SIDING		CLASS OF TRACK: 4		METHOD OF OPERATION: TRACK WARRANT CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X754		0 MPH	
	EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)						FREIGHT TRAIN		X51		49	

PROBABLE CAUSE: THE FAILURE OF THE CREW OF BN FREIGHT TRAIN NO. 93651 TO PROPERLY RETURN THE EAST SIDING TRACK SWITCH AT PROSPER, TEXAS, TO ITS NORMAL MAIN TRACK ALIGNMENT.

CONTRIBUTING FACTOR: THE FAILURE OF THE FRONT CREW OF BN TRAIN 754 TO INSPECT THE EAST SIDING TRACK SWITCH AT PROSPER AS REQUIRED BY OPERATING RULES. THE TRAIN WAS STOPPED IN THE SIDING APPROXIMATELY 33 MINUTES BEFORE THE ACCIDENT. ALSO, THE NON-REFLECTING AND DETERIORATED CONDITION OF THE RED TARGET OF THE EAST SIDING TRACK SWITCH.

CSX	06/10/87	6:20 PM	WINDER	GA	RAIL-HWY CROSSING	3	0	\$0
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102	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		192		45 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
KCS	06/10/87	8:15 PM	LEESVILLE	LA	SIDE COLLISION		0	\$160,000
103								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
			METHOD OF OPERATION:	DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	97	14 MPH
			EQUIPMENT DERAILED:	9 CAR(S)		LIGHT LOCO(S)		1
<p>PROBABLE CAUSE: INOPERATIVE HANDBRAKE ON LOCOMOTIVE NO. KCS 601, AND FAILURE OF BRAKEMAN TO PROPERLY SECURE THE LOCOMOTIVE.</p> <p>CONTRIBUTING FACTOR: THE USE OF A RAIL ANCHOR TO BLOCK THE WHEELS OF THE LOCOMOTIVE, WHICH WILL NOT CREATE ENOUGH FRICTION TO IMPEDE MOVEMENT OF A LOCOMOTIVE.</p>								
KCS	06/13/87	6:20 PM	EVE	MO	DERAILMENT	0	0	\$511,800
104								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6795	39 MPH
			EQUIPMENT DERAILED:	23 CAR(S)				
<p>PROBABLE CAUSE: THE CWR TRACK BUCKLED UNDER THE MOVING TRAIN. THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 93 DEGREES F.</p>								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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BN	06/14/87	1:21 PM	OREGON	IL	RAIL-HWY CROSSING	2	0	\$0
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105								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2102	60 MPH
			EQUIPMENT DERAILED:	NONE				

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

SP	06/15/87	1:13 AM	YUMA	AZ	HEAD-END COLLISION	1	3	\$1,657,150
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106								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7791	5 MPH
				TIME TABLE		FREIGHT TRAIN	X7267	17
				YARD LIMITS				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: THE FAILURE OF THE CREW OF EXTRA 7267 EAST TO COMPLY WITH RESTRICTED SPEED (TO ALLOW STOPPING WITHIN ONE-HALF THE RANGE OF VISION) AND A 10 MPH SPEED RESTRICTION THROUGH THE SUBWAY CROSSOVER.

CONTRIBUTING FACTOR: THE CONDUCTOR OF TRAIN NO. EXTRA 7267 EAST OCCUPIED THE SECOND LOCOMOTIVE INSTEAD OF THE LEAD LOCOMOTIVE IN CONFLICT WITH CARRIER OPERATING RULES. IN ADDITION, A PROBABLE CONTRIBUTING FACTOR WAS THE IMPAIRMENT OF THE ENGINEER OF TRAIN EXTRA 7267 EAST BY ALCOHOL.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CMNW/ ATK	06/16/87	9:06 PM	PONTIAC	IL	RAIL-HWY CROSSING	1	1	\$300
107	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN			21	55 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING								
ICG	06/16/87	12:10 PM	WILDERMAN	IL	DERAILMENT	0	0	\$230,000
108	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6005	27 MPH
	EQUIPMENT DERAILED:		22 CAR(S)					
PROBABLE CAUSE: UNDETERMINED.								
CSX	06/19/87	4:27 AM	TAKOMA PARK	DC	DERAILMENT	0	0	\$228,000
109	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X4384	42 MPH
	EQUIPMENT DERAILED:		21 CAR(S)					
PROBABLE CAUSE: BUCKLED SIDE SILL ON CAR NO. UPFE 456599.								
CONTRIBUTING FACTOR: EXCESSIVE BUFF FORCES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX/ ATK	06/22/87	12:08 AM	LAKE CITY	SC	RAIL-HWY CROSSING	1	0	\$2,500
110	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN			53	70 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
BN	06/25/87	3:45 PM	COOKS	WA	DERAILMENT	1	1	\$631,626
111	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6719	44 MPH
	EQUIPMENT DERAILED:		37 CAR(S)					
PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED TRACK). THE TEMPERATURE ON THE DAY OF THE DERAILMENT WAS 97 DEGREES F.								
NS	06/25/87	3:55 PM	ROSSVILLE	TN	RAIL-HWY CROSSING	3	0	\$1,500
112	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN			16340	55 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
CMNW/ ATK	06/26/87	9:16 AM	ELWOOD	IL	RAIL-HWY CROSSING	1	30	\$1,778,600

113			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: PASSENGER TRAIN		311	79 MPH
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 3 CAR(S)				

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.

UP/ BN	06/26/87	7:30 PM	COUNCIL BLUFFS	IA	HEAD-END COLLISION	0	2	\$310,500
114			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 2 TIME TABLE YARD LIMITS	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X577 X3617	2 MPH 12
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 3 CAR(S)				

PROBABLE CAUSE: FAILURE OF THE CREW OF UP EXTRA 3617 EAST TO STOP THEIR TRAIN WITHIN ONE-HALF THE RANGE OF VISION AS PRESCRIBED BY RULE 93.

CONTRIBUTING FACTOR: UP YARDMASTER AUTHORIZED TWO OPPOSING MOVEMENTS ON THE SAME TRACK AT THE SAME TIME.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	06/27/87	4:30 AM	KINGMAN	AZ	DERAILMENT	0	0	\$219,500
115	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRACK WARRANT CONTROL 32 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9563	24 MPH
PROBABLE CAUSE: FAILURE OF TRAIN CREW TO OPERATE TRAIN IN ACCORDANCE WITH CARRIER AIR BRAKE RULES BY USING EXCESSIVE DYNAMIC BRAKING RESULTING IN EXTREMELY HIGH BUFF FORCES WHILE TRAVERSING A 4-DEGREE 40-MINUTE CURVE.								
NW	06/27/87	12:15 AM	RIVERTON	IL	DERAILMENT	0	0	\$578,000
116	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 34 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3221	35 MPH
PROBABLE CAUSE: UNDETERMINED.								
CSX	06/28/87	9:30 AM	CONFLUENCE	PA	DERAILMENT	0	0	\$161,950
117	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 13 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6192	25 MPH
PROBABLE CAUSE: LIFT OFF OF LEAD WHEEL ON LEAD TRUCK OF THE 54TH CAR RESULTING FROM IRREGULAR TRACK SURFACE AND 5/8 INCH DIAGONAL SIDE BEARING CLEARANCE, ON A 60 FOOT 6 INCH BOX CAR TRAVELING THROUGH AN 8-DEGREE CURVE IN BUFF MODE AT A CRITICAL SPEED OF 25 MILES PER HOUR.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	06/28/87	6:45 PM	RIO VISTA	TX	RAIL-HWY CROSSING	2	1	\$0
118			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X5555	45 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.								
CR/ ATK	07/01/87	9:27 PM	LIMA	OH	RAIL-HWY CROSSING	1	0	\$6,000
119			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 AUTOMATIC BLOCK NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN		40	68 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
ATK/ CO	07/01/87	12:36 PM	MILTON	WV	OBSTRUCTION	0	0	\$6,050
120			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN MOW EQUIPMENT		50	35 MPH 0
PROBABLE CAUSE: FAILURE OF THE TRAIN DISPATCHER TO PROTECT THE MOVEMENT OF THE HI-RAIL VEHICLE (HR 986) BY CODING THE CONTROLLED ABSOLUTE SIGNAL ON NO. 2 TRACK AT STOP AND APPLYING THE APPROPRIATE BLOCKING DEVICES, AS REQUIRED BY THE CARRIER'S OPERATING RULES.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	07/07/87	12:10 AM	CASEY	TX	HEAD-END COLLISION	0	2	\$411,200
121			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	SIDING 4 TRACK WARRANT CONTROL AUTOMATIC BLOCK 4 LOCOMOTIVE(S) 25 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN CUT OF CARS		X8105	40 MPH 0
PROBABLE CAUSE: UNKNOWN VANDALS REMOVED THE LOCK, REVERSED THE SWITCH POINTS, REMOVED THE SWITCH TARGET, AND CUT THE FOUR SHUNT WIRES FROM THE SWITCH CIRCUIT CONTROLLER.								
UP	07/08/87	10:10 AM	NORTH LITTLE ROCK	AR	DERAILMENT	0	0	\$37,000
122			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	YARD 1 YARD RULES 4 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3212	8 MPH
HAZARDOUS MATERIALS RELEASED: NO NUMBER EVACUATED: 1700								
PROBABLE CAUSE: A LOOSE SWITCH POINT PROTECTOR PRODUCED A RAMP EFFECT, CAUSING WHEEL FLANGE LIFT TO TOP OF RAIL AND SUBSEQUENTLY DROP BETWEEN SWITCH POINT AND STOCK RAIL OF SWITCH, IN FACING POINT MOVEMENT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	07/08/87	5:57 PM	CAMDEN STATION	MD	DERAILMENT	0	0	\$3,500

123	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 2 TRAFFIC CONTROL 1 LOCOMOTIVE(S) 1 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN	0154	15 MPH
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PROBABLE CAUSE: IMPROPER FIT BETWEEN SWITCH POINT AND STOCK RAIL.

CR	07/10/87	9:05 AM	MILMAY	NJ	OBSTRUCTION	0	3	\$92,950
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124	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	SIDING 3 MANUAL BLOCK TIME TABLE TRAIN ORDERS 2 LOCOMOTIVE(S) 1 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN MOW EQUIPMENT	X7670	35 MPH 0
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PROBABLE CAUSE: SWITCH IMPROPERLY LINED FOR MOVEMENT.

NW	07/10/87	10:35 PM	CARROLLTON	MO	RAIL-HWY CROSSING	2	0	\$150
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125	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN	X6129	45 MPH
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PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.

CONTRIBUTING FACTOR: A PROBABLE CONTRIBUTING FACTOR WAS THE IMPAIRMENT OF THE VEHICLE OPERATOR BY ALCOHOL.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	07/15/87	7:35 AM	OSCEOLA	IN	RAIL-HWY CROSSING	2	0	\$0
126	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			MAIL 8	50 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE STALLED ON THE TRACKS.								
CR	07/15/87	8:45 AM	LACE	PA	RAIL-HWY CROSSING	3	1	\$300
127	TYPE OF TRACK:		INDUSTRY					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		TIME TABLE CARRIER RULES	MOVEMENTS INVOLVED: FREIGHT TRAIN			8042	12 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
ATSF	07/15/87	11:03 AM	MEDILL	MO	OBSTRUCTION	0	1	\$24,170
128	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN MOW EQUIPMENT			X8060	56 MPH 0
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE DISPATCHER AUTHORIZED THE CREW OF EXTRA 8060 EAST TO OPERATE OVER TRACK THAT WAS OCCUPIED UNDER TRACK AND TIME LIMITS BY A HI-RAIL VEHICLE.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	07/16/87	1:50 AM	IRVING	TX	REAR-END COLLISION	0	1	\$27,000
129	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		YARD LIMITS	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X7016	0 MPH
						YARD/SWITCHING	93458	25
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE FAILURE OF THE CREW OF BN YARD LOCAL NO. 93458 TO CONTROL THE SPEED OF THEIR TRAIN IN ACCORDANCE WITH YARD LIMIT RULE 93.								
CONTRIBUTING FACTOR: THE FAILURE OF THE CREW OF BN YARD LOCAL NO. 93458 TO OBSERVE AHEAD OF THEIR TRAIN AS IT TRAVERSED A 2-DEGREE 2-MINUTE CURVE WITHIN YARD LIMITS, HAVING PRIOR KNOWLEDGE OF THE IMPENDING OPERATION OF TWO SOUTHBOUND TRAINS.								
UP	07/16/87	10:40 AM	BRADFORD	AR	RAIL-HWY CROSSING	2	0	\$3,000
130	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	CHHOZ-15	60 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
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CSX	07/17/87	1:15 PM	ERWIN	TN	DERAILMENT	0	0	\$317,600
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131								
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8933	UNK MPH
			EQUIPMENT DERAILED:	15 CAR(S)		YARD/SWITCHING	Y-175	5

HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 75

PROBABLE CAUSE: EXCESSIVE VARIATION IN CROSS LEVEL OF 3 5/8 INCHES IN 46 FEET 6 INCHES.

CONTRIBUTING FACTOR: POSSIBLE SPEED BETWEEN 12 AND 17 MPH INDUCED HARMONIC ROCKING OF A LOADED TANK CAR (UTLX 47636), ON THE TRACK WITH IRREGULAR CROSS LEVEL.

UP	07/19/87	10:55 AM	MODE	IL	RAIL-HWY CROSSING	2	0	\$0
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132								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X9047	54 MPH
			EQUIPMENT DERAILED:	NONE				

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

CR	07/20/87	3:50 PM	BROOK PARK	OH	DERAILMENT	0	0	\$689,600
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133								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED:	FREIGHT TRAIN	DE002	18 MPH
			EQUIPMENT DERAILED:	3 LOCOMOTIVE(S) 15 CAR(S)				

PROBABLE CAUSE: EXCESSIVE VARIATIONS IN CROSSLEVEL AS A RESULT OF INSUFFICIENT BALLAST AND INADEQUATE DRAINAGE OF THE SUB-BALLAST SECTION.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	07/22/87	5:10 PM	ORLEANS ROAD	WV	DERAILMENT	0	0	\$608,677
134	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK 24 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		R-346	43 MPH
PROBABLE CAUSE: UNDETERMINED.								
CSX	07/23/87	6:05 PM	CINCINNATI	OH	RAKING COLLISION	0	0	\$1,020
135	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 1 TRAFFIC CONTROL 1 CAR(S)		MOVEMENTS INVOLVED: YARD/SWITCHING FREIGHT TRAIN		YARD2 ROUST	0 MPH 10
PROBABLE CAUSE: SIGNAL NO. 31L AT CINCINNATI JUNCTION DISPLAYED A FALSE PROCEED SIGNAL ASPECT. THE SIGNAL SYSTEM DID NOT FUNCTION AS INTENDED BECAUSE OF AN ACCUMULATION OF RUST AND FOREIGN MATTER ON THE RAILS OF THE TURNOUT OVER NUMBER 34 SWITCH WHICH PREVENTED EFFECTIVE SHUNTING OF THE TRACK CIRCUIT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	07/23/87	7:40 PM	COMPTON	CA	RAIL-HWY CROSSING	0	9	\$3,294
136	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		DIRECT TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3332	10 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE BUS DRIVER FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	07/24/87	4:08 PM	MILTON	WV	DERAILMENT	0	0	\$404,150
137	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6297	32 MPH
	EQUIPMENT DERAILED:		21 CAR(S)					
PROBABLE CAUSE: TRACK ALIGNMENT IRREGULAR (BUCKLED). THE TEMPERATURE ON THE DAY OF THE ACCIDENT WAS 93 F.								
CSX/ ATK	07/25/87	1:17 AM	JACKSONVILLE	FL	RAIL-HWY CROSSING	2	0	\$250
138	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		92	79 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
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UP	07/26/87	1:55 PM	ARCHER	WY	DERAILMENT	0	0	\$425,000
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139	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 21 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X2904	30 MPH
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PROBABLE CAUSE: A BREAK-OUT IN THE RAIL HEAD OF THE 133 LB. JOINTED RAIL, ROLLED IN 1982, AS A RESULT OF A POSSIBLE BOLT HOLE BREAK.

CSX	07/28/87	6:00 PM	CONNELLSVILLE	PA	DERAILMENT	0	0	\$74,460
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140	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 2 TRAFFIC CONTROL 17 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X4249	24 MPH
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PROBABLE CAUSE: THE UNEVEN DISTRIBUTION OF GRANULATED LIMESTONE TO THE SOUTH SIDE OF CO 604436, THE 57TH CAR IN TRAIN, RESULTING IN WHEEL LIFT OF THE LEAD WHEEL OF THE TRAILING TRUCK WHILE PASSING THROUGH THE CRITICAL SPEED OF 18-24 MPH.

CONTRIBUTING FACTOR: A VARIATION OF TWO INCHES IN THE TRACK ALIGNMENT IN 15 AND ONE HALF FEET FROM STATION NO. 1 TO INITIAL POINT OF DERAILEMENT.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP/ ATK	07/29/87	1:35 PM	GRAND SALINE	TX	RAIL-HWY CROSSING	1	0	\$0
141	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN			P21A-29	70 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
AGS/ ATK	07/29/87	3:43 PM	HATTIESBURG	MS	RAIL-HWY CROSSING	1	0	\$0
142	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN			819	79 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	07/29/87	5:20 PM	POWELL	OH	DERAILMENT	0	5	\$22,000
143	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 13 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6620	43 MPH
PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT (BUCKLED). THE TEMPERATURE ON THE DAY OF THE DERAILEMENT WAS 85 DEGREES F.								
CONTRIBUTING FACTOR: TRAIN DISPATCHER FAILED TO IMPOSE A CONDITIONAL SPEED RESTRICTION, WHEN TEMPERATURES ROSE ABOVE 85 F.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP/ SSW	07/29/87	5:37 PM	PERRY	KS	RAIL-HWY CROSSING	4	2	\$100
144	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 5 AUTOMATIC BLOCK TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6347	40 MPH
EQUIPMENT DERAILED:		NONE		PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.				
BN	07/31/87	2:50 PM	FALLS CITY	NE	RAIL-HWY CROSSING	2	2	\$150
145	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X8038	49 MPH
EQUIPMENT DERAILED:		NONE		PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.				
CR/ NYSW	08/01/87	10:45 AM	LORDVILLE	NY	DERAILMENT	0	0	\$15,750
146	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 MANUAL BLOCK AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN			NTV-4	23 MPH
EQUIPMENT DERAILED:		4 CAR(S)		PROBABLE CAUSE: HARMONIC ROCK-OFF.				

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	08/01/87	12:37 AM	EL PASO	IL	RAIL-HWY CROSSING	1	0	\$11,500
147	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6395	30 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE TRACTOR-TRAILER AT THE CROSSING.								
CR/ ATK	08/04/87	6:49 AM	VAN WERT	OH	RAIL-HWY CROSSING	1	0	\$1,000
148	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK	MOVEMENTS INVOLVED: PASSENGER TRAIN			41	50 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	08/04/87	7:00 AM	MT SAVAGE JCT	MD	DERAILMENT	0	0	\$63,000
149	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 AUTOMATIC BLOCK TIME TABLE	MOVEMENTS INVOLVED: FREIGHT TRAIN			X7509	25 MPH
	EQUIPMENT DERAILED:		4 CAR(S)					
PROBABLE CAUSE: AN OVERHEATED PLAIN BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. CO 941013, A GONDOLA.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK/ CSX	08/05/87	8:58 AM	PITTSBURGH	PA	DERAILMENT	0	0	\$159,000
150	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 1 LOCOMOTIVE(S) 14 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN		30	35 MPH
PROBABLE CAUSE: UNDETERMINED.								
CR	08/06/87	3:30 AM	TORRANCE	PA	DERAILMENT	0	0	\$149,400
151	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 CAB SIGNAL TRAFFIC CONTROL 20 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6733	33 MPH
PROBABLE CAUSE: AN OVERHEATED PLAIN BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. RDG 30530, A GONDOLA.								
CR	08/08/87	11:26 PM	ELYRIA	OH	RAIL-HWY CROSSING	3	0	\$0
152	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		6720	46 MPH
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
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UP	08/11/87	4:10 PM	GRANDVIEW	WA	RAIL-HWY CROSSING	2	0	\$287
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153			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 3 TIME TABLE TRAIN ORDERS CARRIER GENERAL ORDER	MOVEMENTS INVOLVED: FREIGHT TRAIN		X2059	40 MPH
			EQUIPMENT DERAILED:	NONE				

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

BN	08/12/87	8:40 PM	CLARENCE	MO	DERAILMENT	0	0	\$859,000
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154			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 53 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7175	60 MPH
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PROBABLE CAUSE: THE CONCENTRATION OF LOADED CARS TOWARD THE REAR END OF TRAIN AND THE UNDULATING TERRAIN OVER WHICH THE TRAIN WAS BEING OPERATED, PROVIDED IDEAL CONDITIONS FOR SLACK RUN IN, WHICH CREATED EXCESSIVE BUFF FORCE ON COUPLERS OF THE TWENTY-SEVENTH HEAD CAR, MILW 109990, AN EMPTY HOPPER. THE BUFF FORCE CAUSED THE TRAILING PAIR OF WHEELS OF THE TRAILING TRUCK TO BE LIFTED ABOVE AND OVER THE TOP OF THE RAIL.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	08/14/87	7:35 PM	WATKINS	AL	DERAILMENT	0	0	\$192,000
155			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL 10 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		2113	50 MPH
PROBABLE CAUSE: SHOCK STABILIZER ON CAR NO. TTUX 130144, A FLAT CAR, BROKE ON BL SIDE IN PIN HOLE, ALLOWING STABILIZER TO DROP DOWN AND CAUSE THE CAR TO DERAIL.								
CONTRIBUTING FACTOR: EXCESSIVE SPEED.								
ATSF	08/17/87	2:40 AM	DUMAS	TX	RAIL-HWY CROSSING	2	3	\$23
156			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRACK WARRANT CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN		1-534-14	20 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CONTRIBUTING FACTOR: THE VEHICLE OPERATOR WAS WEARING HEADPHONES LISTENING TO MUSIC, WHICH PREVENTED HIM FROM HEARING THE LOCOMOTIVE HORN.								
UP	08/21/87	1:25 AM	HILGARD	OR	DERAILMENT	0	1	\$168,100
157			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 2 TRAFFIC CONTROL 10 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3174	22 MPH
PROBABLE CAUSE: A COMBINATION OF IRREGULAR TRACK GEOMETRY CONDITIONS, GAGE, CROSS LEVEL, AND ALIGNMENT (ALL IN COMPLIANCE WITH FEDERAL TRACK STANDARDS); A DESCENDING GRADE OF 2.2 PERCENT; A TOTAL OF 2,932 TONS OF TRAIN BEHIND EMPTY TANK CAR, UTLX 42146; THE RETARDING FORCES PRODUCED BY THE LEAD LOCOMOTIVES BEING OPERATED IN DYNAMIC BRAKING; AND THE TRAIN BEING OPERATED 2 MPH OVER THE AUTHORIZED SPEED LIMIT.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE	
CSX	08/22/87	12:18 PM	PORT VUE	PA	DERAILMENT	0	0	\$175,000	
158	TYPE OF TRACK: MAIN		CLASS OF TRACK: 2		METHOD OF OPERATION: TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN	6084	23 MPH
EQUIPMENT DERAILED:			16 CAR(S)						
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: 700					
PROBABLE CAUSE: AN OVERHEATED PLAIN BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. B0 354053, A GONDOLA.									
ICG/ATK	08/25/87	7:05 AM	NESBIT	MS	RAIL-HWY CROSSING	1	0	\$313	
159	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: AUTOMATIC BLOCK		MOVEMENTS INVOLVED: PASSENGER TRAIN	59	65 MPH
EQUIPMENT DERAILED:			NONE						
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.									
S00	08/27/87	9:20 PM	HAWKINS	WI	RAIL-HWY CROSSING	2	0	\$600	
160	TYPE OF TRACK: MAIN		CLASS OF TRACK: 3		METHOD OF OPERATION: TRACK WARRANT CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN	X4233	38 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
SP/ ATK	08/29/87	9:22 AM	GERMANN	AZ	RAKING COLLISION	0	0	\$4,975
161	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN CUT OF CARS			2 2	70 MPH 0
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: VANDALS RELEASED THE HANDBRAKES ON CARS STORED FOR SEVERAL YEARS ON THE SIDING AT RITTENHOUSE, ARIZONA.								
CONTRIBUTING FACTOR: THE RUST ON THE CAR WHEELS, WHICH FAILED TO SHUNT THE TRACK CIRCUIT, PREVENTING SIGNALS FROM DISPLAYING RED ASPECTS.								
CSX	08/29/87	5:25 PM	LAKE CITY	SC	RAIL-HWY CROSSING	2	0	\$1,500
162	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 5 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			R-492	50 MPH
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
BN	09/01/87	4:25 PM	BELGRADE	MT	DERAILMENT	0	2	\$696,470
163	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 34 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN			X7160	44 MPH
PROBABLE CAUSE: TRACK ALIGNMENT IRREGULAR (BUCKLED).								
CONTRIBUTING FACTOR: THE TRACK STRUCTURE HAD BEEN DISTURBED BY TRACK SURFACING AND NO SPEED RESTRICTION ISSUED.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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CR	09/01/87	12:25 PM	URBANA	OH	RAIL-HWY CROSSING	2	0	\$100
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164	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: NONE	
MOVEMENTS INVOLVED: FREIGHT TRAIN						6721	48 MPH	

PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO REMAIN STOPPED AT THE CROSSING.

CSX	09/05/87	11:23 PM	TAKOMA PARK	DC	DERAILMENT	0	0	\$513,500
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165	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: 12 CAR(S)	
MOVEMENTS INVOLVED: FREIGHT TRAIN						R-136	55 MPH	

HAZARDOUS MATERIALS RELEASED: NO NUMBER EVACUATED: 200

PROBABLE CAUSE: WORN LEFT HAND SWITCH POINT OF THE TURNOUT TO THE TRACK TO MARTIN WIEGAND LUMBER CO.

CONTRIBUTING FACTOR: THE MISMATCH OF 15/64-INCH IN WHEEL DIAMETERS BETWEEN THE R1 AND L1 WHEELS OF CAR NO. TTUX 121281, A FLATCAR, CAUSING THE SMALLER R1 WHEEL TO CROWD THE NORTH RAIL.

SP	09/07/87	12:20 PM	EDISON	CA	REAR-END COLLISION	0	4	\$162,500
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166	TYPE OF TRACK: SIDING		CLASS OF TRACK: 5		METHOD OF OPERATION: AUTOMATIC BLOCK YARD LIMITS		EQUIPMENT DERAILED: NONE	
MOVEMENTS INVOLVED: FREIGHT TRAIN						X8368	0 MPH	
MOVEMENTS INVOLVED: FREIGHT TRAIN						X7385	18	

PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 7385 WEST TO OPERATE THEIR TRAIN AT RESTRICTED SPEED.

CONTRIBUTING FACTOR: THE OPERATION OF EXTRA 7385 BY NON-QUALIFIED PERSONNEL, A BRAKEMAN.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	09/08/87	5:20 PM	POMONA	CA	RAIL-HWY CROSSING	2	0	\$0
167	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6815	48 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SSW	09/09/87	11:15 AM	COMMERCE	TX	RAIL-HWY CROSSING	2	0	\$0
168	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		DIRECT TRAFFIC CONTRO	MOVEMENTS INVOLVED: FREIGHT TRAIN			1-DAASM	40 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CONTRIBUTING FACTOR: THE ABSENCE OF CROSSBUCK SIGNS FOR CROSSING PROTECTION.								
SP/ ATK	09/11/87	7:02 AM	DIXON	CA	RAIL-HWY CROSSING	2	0	\$500
169	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: PASSENGER TRAIN			11	70 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
NW	09/14/87	8:30 AM	ANDOVER	VA	DERAILMENT	0	0	\$375,524

170	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 2 TIME TABLE TRAIN ORDERS 55 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN	X5209	44 MPH
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PROBABLE CAUSE: IMPROPER USE OF TRAIN AIR BRAKES.

CONTRIBUTING FACTOR: FAILURE TO APPLY SUFFICIENT NUMBER OF HANDBRAKES ON MOUNTAINOUS TERRAIN WHILE RECHARGING AIR BRAKE SYSTEM.

UP	09/17/87	9:30 PM	NORTH PLATTE	NE	REAR-END COLLISION	0	0	\$271,056
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171	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL 2 LOCOMOTIVE(S) 3 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN LIGHT LOCO(S)	X2900	0 MPH 42
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PROBABLE CAUSE: THE FAILURE OF THE LOCOMOTIVE HOSTLER TO PROPERLY SECURE THE LOCOMOTIVES AGAINST UNINTENDED MOVEMENT, BEFORE DISMOUNTING FROM THE LOCOMOTIVE CAB CONTROL COMPARTMENT.

CONTRIBUTING FACTOR: A CONTRIBUTING FACTOR WAS THE USE OF MARIJUANA BY THE LOCOMOTIVE HOSTLER.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
S00	09/22/87	1:17 AM	WYNDMERE	ND	DERAILMENT	0	0	\$328,750
172			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 INTERLOCKING 14 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		209	40 MPH
			HAZARDOUS MATERIALS RELEASED: NO	NUMBER EVACUATED: 550				
			PROBABLE CAUSE: A BROKEN AXLE DUE TO A 20 PERCENT OLD BREAK.					
CSX	09/22/87	3:50 AM	KILGORE	SC	DERAILMENT	0	0	\$824,500
173			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 MANUAL BLOCK TIME TABLE TRAIN ORDERS 38 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8199	40 MPH
			PROBABLE CAUSE: BROKEN WEST RAIL UNDER LOCOMOTIVES.					
CSX	09/22/87	9:45 AM	WILHOIT	KY	DERAILMENT	0	0	\$282,250
174			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL 47 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8076	30 MPH
			PROBABLE CAUSE: A DEFECTIVE PLANT WELD, RESULTING IN COMPLETE SEPARATION OF THE RAIL.					

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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PLE/ ATK	09/22/87	12:12 AM	PORT VUE	PA	DERAILMENT	0	1	\$33,450
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175			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 2 INTERLOCKING 1 LOCOMOTIVE(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN		355	28 MPH
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PROBABLE CAUSE: ATK LOCOMOTIVE NO. 355 DERAILED AS A RESULT OF STRIKING AN OUTSIDE RERAILER WHICH HAD BEEN PLACED AT THE FROG JOINING NO. 1 MAIN TRACK WITH A CROSSOVER TURNOUT RAIL BY PERSONS UNKNOWN.

CSX	09/23/87	5:36 PM	CHAMBERSBURG	PA	DERAILMENT	0	0	\$211,440
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176			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 2 TRAFFIC CONTROL 17 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		R342	21 MPH
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PROBABLE CAUSE: ENGINEER FAILED TO CONTROL SPEED OF THE TRAIN, RESULTING IN HARMONIC ROCK OFF OF THE R4 WHEEL ON THE LEAD CAR, ACFX 60823.

CONTRIBUTING FACTOR: POSSIBLE CONTRIBUTING FACTORS MAY HAVE BEEN : (1) THE CONFIGURATION OF TRACK CROSS LEVELS AT THE ATTENDING SPEED AND (2) THE LOADED, HIGH CENTER OF GRAVITY HOPPER CAR.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	09/26/87	11:40 PM	BRUNSWICK	MD	DERAILMENT	0	0	\$340,000
177	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 16 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN			V536	28 MPH
PROBABLE CAUSE: AN OVERHEATED PLAIN BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. CO 155825, A HOPPER CAR.								
UP	09/27/87	1:30 AM	OGDEN	UT	RAIL-HWY CROSSING	4	0	\$50
178	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 5 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN			X3465	43 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
EJE	09/27/87	4:36 PM	RONDOUT	IL	RAIL-HWY CROSSING	3	0	\$500
179	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS NONE	MOVEMENTS INVOLVED: FREIGHT TRAIN			X659	40 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
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CSX	09/29/87	5:00 AM	RASSELAS	PA	DERAILMENT	0	0	\$281,200
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180	TYPE OF TRACK: MAIN		CLASS OF TRACK: 3		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: 20 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN	X3865	30 MPH
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PROBABLE CAUSE: A BROKEN 73-INCH VERTICAL SPLIT HEAD RAIL.

ATSF	10/01/87	5:30 PM	BRENHAM	TX	DERAILMENT	0	0	\$960,000
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181	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: 30 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN	X7067	42 MPH
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PROBABLE CAUSE: INSUFFICIENT SUPERELEVATION IN A CURVE.

CSX	10/02/87	1:20 AM	EAST SAUGATUCK	MI	RAIL-HWY CROSSING	2	0	\$0
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182	TYPE OF TRACK: MAIN		CLASS OF TRACK: 4		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN	R323	20 MPH
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PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

001
81 201

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	10/03/87	9:07 AM	SHREVEPORT	LA	DERAILMENT	0	0	\$217,500
183			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 DIRECT TRAFFIC CONTRO 12 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7671	18 MPH

PROBABLE CAUSE: A BROKEN RAIL CAUSED BY A DETAIL FRACTURE IN THE RAIL HEAD.

SP	10/03/87	12:45 AM	GROESBECK	TX	DERAILMENT	0	0	\$254,000
184			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 5 DIRECT TRAFFIC CONTRO 23 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7660	48 MPH

PROBABLE CAUSE: EXCESSIVE LATERAL WHEEL FORCES RESULTED IN THE CANTING OF THE CWR.

ATSF	10/04/87	1:50 AM	WINFIELD	KS	DERAILMENT	0	0	\$188,850
185			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 25 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8160	20 MPH

PROBABLE CAUSE: A BROKEN WHEEL ON CAR NO. OGEX 1145, A GONDOLA.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
DH/ NYSW	10/06/87	5:40 PM	BINGHAMTON	NY	DERAILMENT	0	0	\$8,000
186	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 1 TIME TABLE 7 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		NY-9	5 MPH
HAZARDOUS MATERIALS RELEASED: NO				NUMBER EVACUATED: 100				
PROBABLE CAUSE: WHILE THE TRAIN WAS BEING SHOVED EAST OVER A NO. 10 CROSSOVER IN A 3-DEGREE CURVE, THE WEST TRUCKS OF THE 86TH CAR DERAILED A FROG DUE TO EXTREME BUFF FORCE.								
CSX	10/09/87	6:20 AM	ELMORE	NC	RAIL-HWY CROSSING	2	0	\$400
187	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		SIDING 4 DIRECT TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		R477	0 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
ATK/ BN	10/12/87	11:30 AM	RUSSELL	IA	REAR-END COLLISION	0	130	\$2,817,100
188	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		AUXILIARY 4 AUTOMATIC BLOCK TRACK WARRANT CONTROL 2 LOCOMOTIVE(S) 11 CAR(S)		MOVEMENTS INVOLVED: PASSENGER TRAIN MOW EQUIPMENT		1006	58 MPH 0
PROBABLE CAUSE: FAILURE OF THE MAINTENANCE-OF-WAY LABORER TO PROPERLY LINE AND LOCK THE MAIN TRACK SWITCH TO NORMAL POSITION AFTER CLEARING THE MAIN TRACK.								
CONTRIBUTING FACTOR: THE FAILURE OF THE MAINTENANCE-OF-WAY FOREMAN TO ASCERTAIN IF THE SWITCH WAS PROPERLY LINED AND LOCKED BEFORE AUTHORIZING MOVEMENT OVER THE SWITCH.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	10/12/87	11:40 AM	ANNVILLE	PA	RAIL-HWY CROSSING	2	2	\$500
189	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: LIGHT LOCO(S)		X123	48 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SP	10/15/87	9:15 AM	WEST COLTON	CA	SIDE COLLISION	0	1	\$94,000
190	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 INTERLOCKING		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X7659 X2975	5 MPH 20
	EQUIPMENT DERAILED:		2 CAR(S)					
PROBABLE CAUSE: THE FAILURE OF THE CREW OF EXTRA 2975 WEST TO COMPLY WITH AN ABSOLUTE STOP SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	10/16/87	5:15 PM	CHAMOIS	MO	DERAILMENT	0	0	\$766,200
191	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X3108	55 MPH
	EQUIPMENT DERAILED:		38 CAR(S)			FREIGHT TRAIN	X2516	48
PROBABLE CAUSE: AN UNDESIRED EMERGENCY AIR BRAKE APPLICATION CAUSED SLACK RUN-IN, RESULTING IN DERAILMENT.								
ATSF	10/18/87	8:35 PM	BOISE CITY	OK	RAIL-HWY CROSSING	2	1	\$50
192	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	15341	10 MPH
	EQUIPMENT DERAILED:		NONE					
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.								
SP	10/18/87	10:02 PM	MCNARY	TX	DERAILMENT	0	0	\$96,300
193	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	1-WCHOM-15	46 MPH
	EQUIPMENT DERAILED:		32 CAR(S)					
PROBABLE CAUSE: INDUCTIVE COUPLING OF THE AUTOMATIC CAB SIGNAL DEVICE WITH AN EXTRANEOUS CODED CURRENT THAT RESULTED IN AN UNDESIRED FULL-SERVICE BRAKE APPLICATION, THEREBY CAUSING EXCESSIVE IN-TRAIN FORCES AND THE ENSUING DERAILMENT.								
CONTRIBUTING FACTOR: THE UNION PACIFIC LEAVING THE AUTOMATIC CAB SIGNAL MAIN SWITCH IN THE "ON" POSITION ON A LOCOMOTIVE INTERCHANGED WITH THE SOUTHERN PACIFIC.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	10/20/87	1:10 PM	DURAND	KS	OBSTRUCTION	0	0	\$41,000
194	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN MOW EQUIPMENT			X1733	5 MPH 0
EQUIPMENT DERAILED:			NONE	PROBABLE CAUSE: THE FAILURE OF THE TRAIN DISPATCHER TO PROPERLY PROTECT THE TRACK AND TIME LIMITS GRANTED TO THE BRIDGE AND BUILDING FOREMAN IN THE OPERATION OF A RUBBER TIRE HI-RAIL CRANE.				
CNW	10/21/87	8:47 AM	ENTERPRISE	IA	RAIL-HWY CROSSING	2	0	\$2,000
195	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 DIRECT TRAFFIC CONTRO	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6811	50 MPH
EQUIPMENT DERAILED:			NONE	PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.				
BN	10/23/87	4:55 PM	DODSON	MT	RAIL-HWY CROSSING	4	0	\$1,884
196	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X7123	57 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
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S00	10/25/87	10:27 AM	BEEHUNTER	IN	RAIL-HWY CROSSING	2	2	\$0
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197								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X194	42 MPH
			EQUIPMENT DERAILED:	NONE				

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

ATK	10/27/87	9:30 AM	PITTSBORO	IN	RAIL-HWY CROSSING	1	0	\$0
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198								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
			METHOD OF OPERATION:	MANUAL BLOCK	MOVEMENTS INVOLVED:	PASSENGER TRAIN	317	55 MPH
			EQUIPMENT DERAILED:	NONE				

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

ATK	10/27/87	11:14 AM	MICHIGAN	IN	RAIL-HWY CROSSING	1	0	\$150,150
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199								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN	351	77 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
NW	10/30/87	7:05 AM	GENEVA	OH	RAIL-HWY CROSSING	2	0	\$250
200	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN			X8081	48 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CR	10/30/87	7:28 PM	COLLINGTON	MD	DERAILMENT	0	1	\$361,000
201	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		MANUAL BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN			XWB19	30 MPH
	EQUIPMENT DERAILED:		4 LOCOMOTIVE(S) 12 CAR(S)					
PROBABLE CAUSE: A BROKEN PLANT WELD IN 112 LB CWR.								
SOU	10/30/87	12:55 PM	GREENSBORO	NC	RAIL-HWY CROSSING	2	3	\$435,500
202	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN			75	5 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE GASOLINE TRUCK AT THE CROSSING.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	10/31/87	3:01 AM	WEST END	MT	DERAILMENT	0	1	\$1,601,150
203	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: LIGHT LOCO(S)				80 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S)					
PROBABLE CAUSE: UNAUTHORIZED PERSON(S) DELIBERATELY STARTED A LOCOMOTIVE CONSIST IN MOTION RESULTING IN AN OVERSPEED DERAILMENT ON A 5-DEGREE CURVE.								
NW	11/01/87	3:22 AM	DUNKIRK	NY	RAIL-HWY CROSSING	6	0	\$400
204	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		70145		40 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
UP	11/01/87	3:35 PM	DYER	AR	RAIL-HWY CROSSING	2	1	\$1,200
205	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		GLHTBE-29		35 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	11/07/87	1:20 AM	ARKANSAS CITY	KS	SIDE COLLISION	0	3	\$25,500
206	TYPE OF TRACK:		YARD					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		YARD RULES	MOVEMENTS INVOLVED:		YARD/SWITCHING	1323	5 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE(S)			YARD/SWITCHING	2198	5
PROBABLE CAUSE: THE FAILURE OF THE ENGINEER OF ATSF SWITCH ENGINE NO. 2198 TO OPERATE HIS TRAIN IN ACCORDANCE WITH RULE 105, WHICH REQUIRES MOVING PREPARED TO STOP WITHIN ONE HALF THE RANGE OF VISION.								
CONTRIBUTING FACTOR: THE FAILURE OF AN UNKNOWN CREW MAKING A MOVEMENT THROUGH THE CROSSOVER TO REPOSITION THE SWITCHES IN ACCORDANCE WITH RULE 104(C).								
UP	11/08/87	6:07 AM	NUGGET	WY	HEAD-END COLLISION	1	7	\$1,525,426
207	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X9025	17 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S) 2 CAR(S)			FREIGHT TRAIN	X6014	36
PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 6014 EAST TO COMPLY WITH SIGNAL INDICATIONS.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	11/09/87	11:18 PM	MORENCI	MI	DERAILMENT	0	0	\$485,250
208	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 20 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8652	40 MPH
PROBABLE CAUSE: AN OVERHEATED ROLLER BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. TTWX 922240, A FLATCAR.								
TCT	11/09/87	11:55 PM	TEXAS CITY	TX	RAIL-HWY CROSSING	2	3	\$2,000
209	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 1 YARD RULES NONE		MOVEMENTS INVOLVED: YARD/SWITCHING		X35	0 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	11/10/87	8:10 AM	STANTON	TN	DERAILMENT	0	0	\$834,207
210	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 DIRECT TRAFFIC CONTROL 3 LOCOMOTIVE(S) 32 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		R133	49 MPH
PROBABLE CAUSE: EITHER A BROKEN RAIL, RAIL PULL-APART, OR A BROKEN SET OF JOINT BARS.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK/ SOO	11/10/87	10:15 AM	DAKOTA	MN	RAIL-HWY CROSSING	1	0	\$500
211	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: PASSENGER TRAIN			8	60 MPH
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX	11/12/87	7:18 AM	PIQUA	OH	RAIL-HWY CROSSING	2	0	\$100
212	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X6207	60 MPH
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
MBTA/ ATK	11/12/87	8:30 AM	BOSTON	MA	REAR-END COLLISION	0	226	\$202,000
213	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 TRAFFIC CONTROL CAB SIGNAL AUTO TRAIN CONTROL 2 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN PASSENGER TRAIN			8110 8114	0 MPH 14
EQUIPMENT DERAILED:								
PROBABLE CAUSE: WAYSIDE SIGNAL DISPLAYED A "FALSE PROCEED" SIGNAL INDICATION.								
CONTRIBUTING FACTOR: FAILURE OF THE ENGINEER TO CONTROL THE SPEED OF HIS TRAIN IN ACCORDANCE WITH A RESTRICTING CAB SIGNAL INDICATION.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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CSX	11/13/87	8:35 PM	STEVENSON	AL	DERAILMENT	0	0	\$733,600
214	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			R 539	50 MPH
	EQUIPMENT DERAILED:		31 CAR(S)					

PROBABLE CAUSE: THE FAILURE OF THE CREWMEMBERS OF TRAIN R539 TO COMPLY WITH TIME TABLE SPECIAL INSTRUCTIONS REGARDING BOTH SPEED RESTRICTIONS AND PLACEMENT OF A LOCOMOTIVE CRANE ON ITS OWN WHEELS IN THEIR TRAIN.

CONTRIBUTING FACTOR: THE FAILURE OF CARRIER'S COMPUTERIZED BILLING SYSTEM TO ALERT ALL OPERATING PERSONNEL ABOUT THE RESTRICTIONS ON MOVEMENT OF THIS EQUIPMENT, AND FAILURE TO PROPERLY BLOCK AND SECURE ROTATING PORTION OF CRANE BEFORE MOVEMENT.

UP	11/15/87	9:28 AM	TEXARKANA	TX	RAIL-HWY CROSSING	2	0	\$0
215	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			FWCHZ14	60 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
BN	11/15/87	2:53 PM	CHEROKEE	KS	RAIL-HWY CROSSING	2	0	\$150
216	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			X7825	49 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SP	11/20/87	7:50 AM	DEMING	NM	DERAILMENT	0	0	\$660,700
217	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			1-BSMFF-18	62 MPH
	EQUIPMENT DERAILED:		28 CAR(S)	LIGHT LOCO(S)			6319	0
PROBABLE CAUSE: THE FAILURE OF THE SWITCH CONNECTING ROD BOLT TO SECURE THE SWITCH POINT CONNECTING ROD ON THE HAND-OPERATED ELECTRIC LOCK SWITCH IN THE NORMAL POSITION, ALLOWING THE SWITCH POINTS TO OPEN.								
CSX/ ATK	11/22/87	4:20 PM	FT. BASINGER	FL	RAIL-HWY CROSSING	2	0	\$17,000
218	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN			97	77 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
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UP	11/23/87	10:15 PM	PINE BLUFF	AR	RAIL-HWY CROSSING	1	4	\$9,600
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219			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 31 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		GLKCBE-21	45 MPH
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PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.

CSX/ ATK	11/25/87	10:15 AM	MANGO	FL	RAIL-HWY CROSSING	0	16	\$219,635
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220			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 1 LOCOMOTIVE(S) 2 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN		81	50 MPH
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PROBABLE CAUSE: THE TRACTOR-TRAILER BECAME LODGED ON THE CROSSING AND WAS STRUCK BY THE TRAIN.

GTW	11/27/87	10:10 PM	HOLLY	MI	RAIL-HWY CROSSING	2	2	\$0
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221			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: WORK TRAIN		205	55 MPH
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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
UP	11/29/87	2:45 AM	LITTLE ROCK	AR	RAIL-HWY CROSSING	4	0	\$0

222	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN		FWNL28	40 MPH
	EQUIPMENT DERAILED:	NONE						

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

CONTRIBUTING FACTOR: A CONTRIBUTING FACTOR WAS THE IMPAIRMENT OF THE DRIVER BY ALCOHOL.

SOU	12/02/87	9:57 PM	CHARLESTON	TN	DERAILMENT	0	0	\$389,800
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223	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS YARD LIMITS			MOVEMENTS INVOLVED: FREIGHT TRAIN		163	45 MPH
	EQUIPMENT DERAILED:	31 CAR(S)						

HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 900

PROBABLE CAUSE: A BOLT-HOLE BREAK IN THE STOCK RAIL AT THE HEEL OF THE SWITCH.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	12/05/87	12:05 AM	GRASSTON	MN	DERAILMENT	0	0	\$331,000
224	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2165	15 MPH
	EQUIPMENT DERAILED:		TRACK WARRANT CONTROL					
			4 LOCOMOTIVE(S)					
			11 CAR(S)					
PROBABLE CAUSE: THE CREW OF EXTRA 2165 FAILED TO OPERATE THEIR TRAIN IN ACCORDANCE WITH STOP SIGNAL INDICATION, AT SPRING SWITCH THAT WAS HELD OPEN BY ICE IN THE SWITCH POINTS.								
UP	12/06/87	3:30 AM	URANIA	LA	DERAILMENT	0	0	\$615,000
225	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X4242	38 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S)					
			25 CAR(S)					
HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 68								
PROBABLE CAUSE: MISMATCHED RAIL ENDS RESULTING FROM CENTER BROKEN JOINT BARS.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW	12/11/87	11:28 AM	TEXARKANA	TX	DERAILMENT	0	0	\$742,500

226	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8275	45 MPH	
	EQUIPMENT DERAILED:		26 CAR(S)					

HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED:

PROBABLE CAUSE: IMPROPER TRAIN HANDLING CREATED EXCESSIVE SLACK ACTION WHICH ULTIMATELY CAUSED KNUCKLE FAILURE AND AN UNDESIRED EMERGENCY BRAKE APPLICATION.

SOU	12/11/87	10:45 PM	BELLEVILLE	IL	DERAILMENT	0	0	\$461,600
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227	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		123	40 MPH	
	EQUIPMENT DERAILED:		TIME TABLE TRAIN ORDERS 25 CAR(S)					

HAZARDOUS MATERIALS RELEASED: NO NUMBER EVACUATED: 150

PROBABLE CAUSE: AN OVERHEATED ROLLER BEARING RESULTING IN JOURNAL FAILURE ON CAR NO. MCPX 771, A TANK CAR.

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	12/12/87	4:15 PM	ROUND ROCK	TX	DERAILMENT	0	0	\$405,000
228	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL 22 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		HOSA1	35 MPH
HAZARDOUS MATERIALS RELEASED: YES				NUMBER EVACUATED: 5000				
PROBABLE CAUSE: THE FAILURE OF THE FRONT BRAKEMAN TO COMPLY WITH CARRIER INSTRUCTIONS REGARDING THE UNCOUPLING OF EQUIPMENT ON GRADES.								
UP	12/15/87	2:52 PM	WACROSS	AR	RAIL-HWY CROSSING	2	1	\$50
229	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: FREIGHT TRAIN		CHFVZ	60 MPH
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SSW	12/15/87	3:43 PM	GREENSBURG	KS	DERAILMENT	0	0	\$520,750
230	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 DIRECT TRAFFIC CONTROL 27 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3100	41 MPH
PROBABLE CAUSE: A BROKEN L-1 WHEEL ON CAR NO. 5P 698208, A BOX CAR.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	12/17/87	2:15 PM	BUFFALO	TX	RAIL-HWY CROSSING	2	0	\$0
231	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN		NLLD	45 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
BN	12/19/87	10:04 AM	AURORA	IL	RAIL-HWY CROSSING	2	0	\$0
232	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN		X8130	32 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
SP/ ATK	12/20/87	3:11 AM	DEL RIO	TX	OTHER	5	0	\$0
233	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRAIN		2	70 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FIVE PERSONS WHO WERE APPARENTLY ASLEEP BETWEEN THE RAILS WERE STRUCK AND KILLED.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF ATK	12/21/87	7:25 AM	LAKIN	KS	RAIL-HWY CROSSING	1	2	\$1,780
234	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 5 TRACK WARRANT CONTROL AUTOMATIC BLOCK AUTO TRAIN STOP	MOVEMENTS INVOLVED: PASSENGER TRAIN			A3120	82 MPH
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
BN	12/22/87	8:40 AM	SEDGWICK	AR	RAIL-HWY CROSSING	2	0	\$0
235	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN			121	45 MPH
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: THE VEHICLE OPERATOR FAILED TO STOP THE VEHICLE AT THE CROSSING.								
CSX/ ATK	12/25/87	10:03 PM	CLAREMONT	WV	OBSTRUCTION	0	0	\$11,800
236	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL 1 LOCOMOTIVE(S) 8 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN			51	38 MPH
PROBABLE CAUSE: THE DERAILMENT IS ATTRIBUTED TO THE LOCOMOTIVE STRIKING A LARGE ROCK ON THE TRACK.								

RR CODE	DATE	TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	12/26/87	3:15 PM	WOODLAWN	TX	DERAILMENT	0	4	\$692,000

237			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL TIME TABLE 2 LOCOMOTIVE(S) 23 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		FWNL2	62 MPH
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HAZARDOUS MATERIALS RELEASED: NO NUMBER EVACUATED: 100

PROBABLE CAUSE: ROADBED WASHOUT.

CONTRIBUTING FACTOR: THE INADEQUATE DESIGN OF THE CULVERT STRUCTURE WHICH LACKED SUFFICIENT VOLUME FOR PEAK RUN-OFF.

MRL	12/26/87	3:50 PM	MISSOULA	MT	SIDE COLLISION	0	0	\$38,500
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238			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	YARD 1 YARD RULES TIME TABLE 11 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X7870 X6335	8 MPH 4
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HAZARDOUS MATERIALS RELEASED: YES NUMBER EVACUATED: 0

PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 6335 EAST TO PROTECT A SHOVING MOVEMENT.

U.S. Department
of Transportation

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