

# Summary of Accidents Investigated by the Federal Railroad Administration Calendar Year 1982

September 1984



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



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## INTRODUCTION

The 1982 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 183 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 1982, the Federal Railroad Administration investigated and determined the probable cause of 183 railroad accidents.

<u>2. Type of Accident</u>	<u>No.</u>	<u>Percent</u>
(a) Derailment	123	67.0
(b) Head-End Collision	10	5.0
(c) Rear-End Collision	10	5.0
(d) Side Collision	11	6.0
(e) Raking Collision	1	1.0
(f) Broken Train Collision	4	2.0
(g) Rail-Highway Crossing	15	8.0
(h) RR Grade Crossing	3	2.0
(i) Obstruction	3	2.0
(j) Fire or Violent Rupture	2	1.0
(k) Other	<u>1</u>	<u>1.0</u>
Total	183	100.0

3. Accident Cause

(a) Track Roadbed and Structure	51	27.9
(b) Mechanical and Electrical Failure	39	21.3
(c) Train Operation-Human Factor	54	29.5
(d) Miscellaneous	<u>39</u>	<u>21.3</u>
Total	183	100.0

4. Casualties

	<u>No.</u>
(a) Killed	45
(b) Injured	<u>552</u>
Total	597

ACCIDENT SUMMARY BY TRACK, CLASS, DAMAGES, TYPE AND CAUSE

TRACK CLASS	ACCIDENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE	COLLISIONS	DERAILMENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
1	1	\$357,500	\$337,500	\$20,000	---	1	---	1	---	---	---
2	11	\$503,300	\$472,500	\$30,800	6	4	1	2	2	6	1
3	22	\$5,296,608	\$4,960,986	\$335,622	6	13	3	5	2	7	8
4	69	\$24,733,146	\$23,270,790	\$1,462,356	12	49	8	21	7	24	17
5	70	\$30,182,631	\$26,778,268	\$3,404,363	12	51	7	20	25	14	11
6	8	\$2,914,659	\$2,459,410	\$455,249	2	5	1	2	2	2	2
	2	\$808,400	\$773,900	\$34,500	1	1	---	---	1	1	---
TOTAL	183	\$64,796,244	\$59,053,354	\$5,742,890	39	124	20	51	39	54	39

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	---	---	---	---	---	---	---	---	---	---	---	1	1
AMTRAK (NATIONAL RAILROAD PASSENGER CORP.)	2	---	---	---	1	3	6	1	---	---	---	7	20
ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPAN	4	---	---	---	1	1	---	---	---	---	---	2	8
ATLANTA AND WEST POINT RAILROAD COMPANY	---	---	---	---	1	---	1	---	---	---	---	---	2
BANGOR AND AROOSTOOK RAILROAD	---	---	---	---	---	---	---	---	---	---	---	1	1
BESSEMER & LAKE ERIE RAILROAD COMPANY	1	---	---	---	---	---	---	---	---	---	---	---	1
BOSTON AND MAINE CORPORATION	---	---	---	---	---	---	---	1	---	---	---	---	1
BURLINGTON NORTHERN	3	---	---	1	3	7	8	2	---	---	---	---	24
BALTIMORE AND OHIO RAILROAD COMPANY	2	---	---	1	---	3	3	3	---	---	---	2	14
CLINCHFIELD RAILROAD	1	---	---	---	1	---	3	1	---	---	---	---	6
CENTRAL OF GEORGIA RAILROAD COMPANY	---	---	---	---	---	---	---	---	---	---	---	1	1
CHICAGO AND NORTHWESTERN TRANSPORTATION COMP	1	---	---	---	---	1	3	1	---	---	---	---	6
CHESAPEAKE AND OHIO RAILWAY COMPANY	1	---	---	---	1	---	---	2	---	---	---	---	4
CONSOLIDATED RAIL CORPORATION	6	1	---	---	2	9	3	1	---	---	---	2	24
DELAWARE AND HUDSON RAILROAD COMPANY	1	---	---	---	1	1	2	---	---	---	---	---	5
DEPARTMENT OF TRANSPORTATION	1	---	---	---	---	---	---	---	---	---	---	1	2
FLORIDA EAST COAST RAILWAY COMPANY	1	---	---	---	---	---	---	---	---	---	---	---	1
FORT WORTH AND DENVER RAILWAY COMPANY	---	---	---	---	1	---	---	---	---	---	---	---	1
GEORGIA RAILROAD	---	---	---	---	---	1	---	---	---	---	---	---	1
GEORGIA SOUTHERN & FLORIDA RAILWAY	---	---	---	---	---	---	---	---	---	---	---	1	1
GRAND TRUNK WESTERN RAILROAD COMPANY	---	---	---	---	---	---	---	---	---	---	---	1	1
ILLINOIS CENTRAL GULF RAILROAD	2	---	---	---	1	---	1	---	---	---	---	---	4
KANSAS CITY SOUTHERN RAILWAY COMPANY	2	---	---	---	---	---	2	---	---	---	---	1	5
LOUISIANA & ARKANSAS RAILWAY COMPANY	---	---	---	---	2	---	---	---	---	---	---	---	2
LONG ISLAND RAILROAD	---	---	---	---	---	---	---	---	---	---	---	1	1
LOUISVILLE AND NASHVILLE RAILROAD COMPANY	---	---	---	---	1	1	4	2	---	---	---	---	8
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RAILR	2	---	---	---	1	1	---	1	---	---	---	---	5
MISSOURI-KANSAS-TEXAS RAILROAD COMPANY	---	---	---	---	1	---	---	---	---	---	---	---	1
MISSOURI PACIFIC RAILROAD COMPANY	2	---	---	---	---	2	7	---	---	---	---	2	13
NORFOLK AND WESTERN RAILWAY COMPANY	2	---	---	---	1	1	4	1	---	---	---	1	10
PORT AUTHORITY TRANS HUDSON	---	---	---	---	---	---	---	---	---	1	---	---	1
RICHMOND, FREDERICKSBURG & POTOMAC RAILROAD	---	---	---	---	1	---	---	---	---	---	---	---	1
SEABOARD COAST LINE RAILROAD	1	---	---	---	---	3	---	1	---	---	---	1	6
SEPTA REGIONAL HIGH SPEED LINES	---	---	---	---	1	---	---	---	---	---	---	---	1
SOO LINE RAILROAD	1	---	---	---	1	1	1	---	---	---	---	---	4
SOUTHERN RAILWAY COMPANY	1	---	---	---	---	---	1	---	---	---	---	---	2
SOUTHERN PACIFIC TRANSPORTATION COMPANY	1	---	---	---	---	4	6	---	---	---	---	2	13
ST. LOUIS SOUTHWESTERN RAILWAY COMPANY	1	---	---	---	---	1	---	1	---	---	---	---	3
TOLEDO TERMINAL RAILROAD COMPANY	1	---	---	---	---	---	---	---	---	---	---	---	1
UNION PACIFIC RAILROAD	4	---	---	---	---	3	1	1	---	---	---	---	9
	44	1	---	2	22	43	56	19	---	1	---	27	215

REPORT NUMBER	RAILROAD CODE	....ACCIDENT
1	ICG	RENSHAW
2	CO	CABIN CREEK
3	SP/ ATK	SAN PABLO
4	BO	HARDMAN
5	MP	ELDORADO
6	NW	BROOKSIDE
7	SSW/ UP	WEST YARD
8	MP	CRANE
9	SP	THERMAL
10	CR	MOHICAN
11	LN	ROCKLEDGE
12	BN	HANNIBAL
13	DH/ ATK	PLATTSBURGH
14	BN	AMAZONIA
15	NW	MCDERMOTT
16	CNW	HAYDITE
17	BO	SAMPLES
18	BN	THOMAS
19	BLE	SHERWIN
20	NW	SUFFOLK
21	SP	LAND
22	BO	WALKERTON
23	NW	ASHTABULA
24	DH	WHITEHALL
25	BN	FISHER
26	MILW/ KCS	KANSAS CITY
27	NW	LOCKBOURNE
28	CCO	SPRUCE PINE
29	ATK	PHILADELPHIA
30	CCO	ROCKY
31	CNW	BRYN MAWR
32	BN	CRESTON
33	NW	HANGING ROCK
34	LN	DUDLEY
35	SCL	ROSS
36	KCS/ MP	TEXARKANA
37	ATSF/ ATK	HOBART
38	ICG/ ATK	KINMUNDY
39	CGA	STAPLETON
40	BN	NEW SALEM
41	BO	MANSFIELD

LOCATION....	DATE	PAGE
MS	01/03/82	1
WV	01/04/82	1
CA	01/04/82	1
WV	01/05/82	2
KS	01/06/82	2
OH	01/07/82	2
KS	01/07/82	3
MO	01/07/82	3
CA	01/07/82	3
OH	01/07/82	4
TN	01/09/82	4
MO	01/09/82	4
NY	01/12/82	5
MO	01/12/82	5
OH	01/13/82	5
MO	01/14/82	6
PA	01/15/82	6
OK	01/15/82	6
PA	01/16/82	7
VA	01/16/82	7
AZ	01/18/82	7
IN	01/24/82	8
OH	01/25/82	8
NY	01/27/82	8
WY	01/28/82	9
MO	01/28/82	9
OH	01/31/82	9
NC	01/31/82	10
PA	02/01/82	10
NC	02/01/82	10
IL	02/01/82	11
IA	02/03/82	11
OH	02/03/82	11
AL	02/03/82	12
GA	02/04/82	12
TX	02/05/82	12
CA	02/06/82	13
IL	02/08/82	13
GA	02/09/82	13
NE	02/09/82	14
OH	02/09/82	14



REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
42	CR	VIEW	PA	02/10/82	14
43	KCS/ DOT	MAURICEVILLE	TX	02/10/82	15
44	MP	LUCAS	LA	02/10/82	15
45	ATSF/ ATK	BRIDGEPORT	IL	02/11/82	15
46	ATK	PHILADELPHIA	PA	02/11/82	16
47	CNW	EDWARDSVILLE	IL	02/12/82	16
48	CR	CHESTER	PA	02/13/82	16
49	MP	PYATT	AR	02/13/82	17
50	BM/ ATK	HOLYOKE	MA	02/14/82	17
51	BO	ROCKWOOD	PA	02/14/82	17
52	MP/ LN	BEECHER	IL	02/16/82	18
53	DH	ONEONTA	NY	02/16/82	18
54	KCS	JOPLIN	MO	02/17/82	18
55	SP	SAN LUCAS	CA	02/19/82	19
56	CR	UPPER MARLBORO	MD	02/19/82	19
57	BO	TURKEY FOOT	WV	02/20/82	19
58	SCL	PEMBROKE	NC	02/23/82	20
59	UP	SCOVILLE	ID	02/24/82	20
60	GA	GREENSBORO	GA	02/25/82	20
61	CR/ ATK	MILLBURY JUNCTION	OH	02/25/82	21
62	CR	PRESCOTT	PA	02/25/82	21
63	CR	SILVER LAKE	IN	02/27/82	21
64	CCO	ROCKY	NC	02/28/82	22
65	BAR	BRIDGEWATER	ME	03/01/82	22
66	LN	OPP	AL	03/02/82	22
67	CR	WOOSTER	OH	03/03/82	23
68	MP	LANE	KS	03/04/82	23
69	MP	HASWELL	CO	03/04/82	23
70	SP/ ATK	BRAY	CA	03/08/82	24
71	SOO	AUBURNDALE	WI	03/09/82	24
72	CCO	TOE RIVER	NC	03/09/82	24
73	NW	NAUGATUCK	WV	03/09/82	25
74	GSF	JACKSONVILLE	FL	03/10/82	25
75	CR/ NW	CHICAGO	IL	03/11/82	25
76	CR	KALAMAZOO	MI	03/13/82	26
77	LI	MINEOLA	NY	03/14/82	26
78	LN/ CCO	ARKLOW	KY	03/15/82	26
79	DOT	BOONE	TN	03/15/82	27
80	CR	TOWNLEY	NJ	03/15/82	27
81	CO	FERRYSBURG	MI	03/15/82	27

REPORT NUMBER	RAILROAD CODE	....ACCIDENT
82	PATH	NEW YORK
83	FEC	HIALEAH YARD
84	SOU	JONESBORO
85	SCL	PARKWOOD
86	DH	BINGHAMTON
87	BO	DEFIANCE
88	UP	WEST CIMA
89	KCS	HOWE
90	SCL	LUDOWICI
91	ICG	MEXICO
92	ATK	BRISTOL
93	BN	GARRETSON
94	BN	SWEET BRIAR
95	BO	CENTRALIA
96	UP	GOODING
97	CR	SOUTHPORT
98	SSW	MCNEIL
99	SOU	MUKWONAGO
100	SP	WILLCOX
101	CNW	CARNEY
102	MILW	WASHINGTON
103	MP	GRAYSON
104	LA	LEESBURG
105	CR	WHITING
106	MILW	BEDFORD
107	CR/ DH	LANCASTER
108	RFP/ CO	RICHMOND
109	BN	HUMBOLDT
110	SP	MONTCLAIR
111	NW	SALEM
112	BN	CALLAO
113	SP	OLGA
114	SOU	ATLANTA
115	UP/ ATK	COBB
116	CCO	DELANO
117	SP	ORANGE
118	UP	WORLEY
119	BN	HARLEM
120	SCL	PETERSBURG
121	BN/ ATK	MCCOOK
122	LN	NASHVILLE
123	BO	MYERSDALE
124	BN/ MILW	RUSH CITY

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NY	03/16/82	28
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TN	03/16/82	28
AL	03/17/82	29
NY	03/18/82	29
OH	03/19/82	29
CA	03/22/82	30
OK	03/23/82	30
GA	03/23/82	30
MO	03/26/82	31
PA	03/29/82	31
SD	03/30/82	31
ND	03/31/82	32
WV	04/03/82	32
ID	04/03/82	32
CT	04/04/82	33
AR	04/05/82	33
WI	04/05/82	33
AZ	04/07/82	34
MI	04/15/82	34
IA	04/18/82	34
LA	04/18/82	35
TX	04/21/82	35
IN	04/22/82	35
IN	04/22/82	36
NY	04/27/82	36
VA	04/30/82	36
NE	05/01/82	37
CA	05/07/82	37
VA	05/10/82	37
MO	05/12/82	38
AZ	05/14/82	38
GA	05/15/82	38
ID	05/16/82	39
VA	05/20/82	39
TX	05/21/82	39
ID	05/24/82	40
MT	05/29/82	40
VA	05/31/82	40
NE	06/02/82	41
TN	06/03/82	41
PA	06/05/82	41
MN	06/12/82	42

REPORT NUMBER	RAILROAD CODE	... ACCIDENT LOCATION
125	AWP	COLLEGE PARK
126	BN	TRINIDAD
127	BN/ ATK	EMERSON
128	BO	QUEENSGATE YARD
129	BN	VALLIANT
130	BN	DRUMMOND
131	MILW/ CNW	GRAYLAND
132	SP/ ATK	GIBSON
133	BO	MEDORA
134	LN	ANDERSON
135	SP	HEWITT
136	BO	OHIO PYLE
137	GTW	BLUE ISLAND
138	SCL	WOODLAND
139	AWP	HOGANSVILLE
140	ATSF	ALLENSWORTH
141	BO	SHERWOOD
142	CR	FAIR LAWN
143	MP	LAKEVIEW
144	SOO	GILCHRIST
145	ATK/ CR	SUBURBAN STATION
146	BN	ALTUS
147	BN	ROGGEN
148	UP	CHEYENNE
149	BN	PLEASANTON
150	UP	NORTH PLATTE
151	CR	ELYRIA
152	SP	DURHAM
153	BO	HANCOCK
154	CR	PHILADELPHIA
155	ATSF	TENAHA
156	CNW	DIAGONAL
157	MP	PEA RIDGE
158	MKT/ FWD	LANCASTER
159	SOO	MARINE
160	CR	MCCALLS FERRY
161	ATSF	JAVA
162	SSW	RANGLES
163	ICG	DOYLE
164	ATSF	GOFFS
165	MP	GLAISE JUNCTION
166	AGS/ ATK	AKRON

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GA	06/12/82	42
WA	06/14/82	42
IA	06/15/82	43
OH	06/15/82	43
OK	06/16/82	43
MT	06/20/82	44
IL	06/22/82	44
CA	06/23/82	44
IN	06/23/82	45
TN	06/25/82	45
CA	06/27/82	46
PA	06/27/82	46
IL	06/29/82	46
GA	06/29/82	47
GA	06/29/82	47
CA	07/02/82	47
OH	07/07/82	48
NJ	07/07/82	48
AR	07/09/82	48
MI	07/12/82	49
PA	07/15/82	49
OK	07/18/82	49
CO	07/20/82	50
WY	07/21/82	50
KS	07/26/82	50
NE	07/27/82	51
OH	08/01/82	51
CA	08/02/82	51
WV	08/03/82	52
PA	08/09/82	52
TX	08/12/82	52
IA	08/15/82	53
MO	08/16/82	53
TX	08/21/82	53
MN	09/14/82	54
PA	09/15/82	54
CA	09/19/82	54
MO	09/20/82	55
LA	09/28/82	55
CA	10/03/82	55
AR	10/03/82	56
AL	10/06/82	56

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
167	CR/ SEPA	JENKINTOWN	PA	10/09/82	56
168	LN	MOLINO	FL	10/10/82	57
169	UP/ ATSF	SALINA	KS	10/11/82	57
170	TT/ CO/ CR	VICKERS	OH	10/23/82	57
171	LA	CURTIS	LA	10/26/82	58
172	ATSF/ ATK	GALIVAN	CA	10/28/82	58
173	CR	MOUNT VERNON	NY	11/03/82	58
174	ATK/ CR	NASSAU	NJ	11/10/82	59
175	ATK	PENNSYLVANIA STATION	NY	11/10/82	59
176	BN	ARTHUR CITY	TX	11/11/82	59
177	SP	WISTER	CA	11/13/82	60
178	CR	COLLINGTON	MD	11/19/82	60
179	BN	CASSA	WY	11/24/82	60
180	BN	ASHLAND	NE	11/26/82	61
181	NW	YUTON	IL	12/03/82	61
182	MP	PANA	IL	12/07/82	61
183	BN	SUTTON	NE	12/13/82	62

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ICG	01/03/82	2:45 PM	RENSHAW	MS	REAR-END COLLISION	0	2	\$607,600

1	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	YARD RULES		MOVEMENTS INVOLVED:	FREIGHT TRAIN	71	0 MPH	
		TIME TABLE			FREIGHT TRAIN	74	5	
		TRAIN ORDERS			FREIGHT TRAIN	73	20	
	EQUIPMENT DERAILED:	5 LOCOMOTIVE(S)						
		15 CAR(S)						
		1 CABOOSE(S)						

PROBABLE CAUSE: FAILURE OF TRAIN CREW (NO.73) TO OPERATE TRAIN AT A SPEED THAT WOULD HAVE ALLOWED IT TO STOP WITHIN ONE-HALF THE RANGE OF VISION.

CO	01/04/82	2:15 AM	CABIN CREEK	WV	DERAILMENT	0	0	\$436,000
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2	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3						
	METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X4083	35 MPH	
		TIME TABLE						
		TRAIN ORDERS						
	EQUIPMENT DERAILED:	29 CAR(S)						

PROBABLE CAUSE: UNDETERMINED

SP ATK	01/04/82	3:05 PM	SAN PABLO	CA	DERAILMENT	0	18	\$630,000
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3	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3						
	METHOD OF OPERATION:	AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAIN	6	55 MPH	
		TIME TABLE						
		TRAIN ORDERS						
	EQUIPMENT DERAILED:	6 CAR(S)						

PROBABLE CAUSE: FAILURE OF THE SUBGRADE.

CONTRIBUTING FACTOR: DISPIE ABNORMALLY HEAVY RAINFALL AND FLOODING THROUGHOUT THE AREA, CARRIER FAILED TO ENSURE INTEGRITY OF TRACK STRUCTURE TO SUPPORT THE OPERATION OF TRAINS IN THE FLOODED AREA.











RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CNW	01/14/82	4:15 AM	HAYDITE	MO	DERAILMENT	0	0	\$54,000
16	TYPE OF TRACK: MAIN		CLASS OF TRACK: 3		METHOD OF OPERATION: TIME TABLE		EQUIPMENT DERAILED: 8 CAR(S)	
	MOVEMENTS INVOLVED: FREIGHT TRAIN		SINGLE CAR		161	27 MPH		
PROBABLE CAUSE: BOLT HOLE CRACK IN 90-POUND JOINTED RAIL.								
BO	01/15/82	4:30 AM	SAMPLES	PA	DERAILMENT	0	0	\$144,200
17	TYPE OF TRACK: MAIN		CLASS OF TRACK: 2		METHOD OF OPERATION: TRAFFIC CONTROL		EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)	
	TIME TABLE		24 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4231	25 MPH
PROBABLE CAUSE: FAILURE OF A FIELD WELD IN THE HIGH SIDE OF THE 132-POUND RAIL ON A 14-DEGREE, 25-MINUTE CURVE TO THE LEFT.								
BN	01/15/82	5:00 PM	THOMAS	OK	DERAILMENT	0	5	\$3,120
18	TYPE OF TRACK: MAIN		CLASS OF TRACK: 3		METHOD OF OPERATION: TIME TABLE		EQUIPMENT DERAILED: 1 CAR(S)	
	TRAIN ORDERS		1 CABOOSE(S)		MOVEMENTS INVOLVED: WORK TRAIN		93946	3 MPH
PROBABLE CAUSE: UNBALANCED LOAD CAUSED BALLAST CAR TO OVERTURN.								
CONTRIBUTING FACTOR: FAILURE OF THE CARRIER TO PROPERLY TRAIN ITS PERSONNEL IN BALLAST UNLOADING PROCEDURES.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
B0	01/24/82	8:05 AM	WALKERTON	IN	DERAILMENT	0	0	\$572,000
22	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X7530	40 MPH
	EQUIPMENT DERAILED:		TIME TABLE 47 CAR(S)					
PROBABLE CAUSE: BRAKE RIGGING CAME DOWN ON A LOADED HOPPER CAR, B&O 347490.								
NW	01/25/82	8:55 AM	ASHTABULA	OH	REAR-END COLLISION	0	2	\$109,129
23	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X1788	10 MPH
			TIME TABLE			FREIGHT TRAIN	X8069	0
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 1788 TO OPERATE THE LOCOMOTIVES AT A SPEED THAT WOULD HAVE ALLOWED A SAFE COUPLING.								
CONTRIBUTING FACTOR: THE ENGINEER WAS DEPENDENT ON RADIO AND HAND SIGNALS FROM THE CONDUCTOR AND BRAKEMAN. COMMUNICATION BETWEEN THE ENGINEER AND OTHER CREW MEMBERS DID NOT OCCUR UNTIL THE LOCOMOTIVES WERE TOO CLOSE TO MAKE A SAFE COUPLING WITH THE STANDING TRAIN.								
DH	01/27/82	8:47 PM	WHITEHALL	NY	DERAILMENT	0	0	\$357,500
24	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2308	39 MPH
	METHOD OF OPERATION:		TIME TABLE					
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 27 CAR(S)					
PROBABLE CAUSE: DETAIL FRACTURE FROM SHELLING IN A SECTION OF 39 FEET OF JOINTED RAIL.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CCO	01/31/82	12:10 PM	SPRUCE PINE	NC	DERAILMENT	0	0	\$157,000
28	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3015	27 MPH	
	EQUIPMENT DERAILED:		TIME TABLE 9 CAR(S)					
PROBABLE CAUSE: EXCESSIVE LATERAL FORCE WAS EXERTED BY THE TWO REAR LOCOMOTIVES.								
CONTRIBUTING FACTOR: THE PUSHER LOCOMOTIVES WERE OPERATED IN NO.8 THROTTLE POSITION. TIMETABLE SPECIAL INSTRUCTIONS PROHIBIT A THROTTLE SETTING ABOVE THE NO.4 POSITION IN THE ACCIDENT AREA.								
ATK	02/01/82	1:49 PM	PHILADELPHIA	PA	DERAILMENT	0	1	\$18,300
29	TYPE OF TRACK:		SIDING					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		INTERLOCKING	MOVEMENTS INVOLVED: PASSENGER TRAIN		183	15 MPH	
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 2 CAR(S)					
PROBABLE CAUSE: WIDE GAUGE DUE TO DETERIORATED TIES.								
CCO	02/01/82	9:30 PM	ROCKY	NC	DERAILMENT	0	0	\$145,564
30	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3620	22 MPH	
	EQUIPMENT DERAILED:		TIME TABLE 11 CAR(S)	FREIGHT TRAIN		X3012	0	
PROBABLE CAUSE: IRREGULAR CROSS-LEVEL AND ALIGNMENT ON A 3-DEGREE, 30-MINUTE CURVE.								





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
LN	02/03/82	6:20 PM	DUDLEY	AL	DERAILMENT	2	1	\$556,600
34	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		MANUAL BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4108	25 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE(S) 4 CAR(S)					
PROBABLE CAUSE: THE WASHING AWAY OF THE FILL UNDER THE TRACK CAUSED THE TRAIN TO DERAIL.								
CONTRIBUTING FACTOR: A STEADY RAIN IN THE ACCIDENT AREA ON FEBRUARY 2, 1982 LED, TO AN EXCESS OF WATER AGAINST THE FILL.								
SCL	02/04/82	10:30 AM	ROSS	GA	RAIL-HWY CROSSING	0	7	\$105,000
35	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4740	25 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE MOTOR VEHICLE OPERATOR TO STOP SHORT OF THE CROSSING AS REQUIRED BY STATE MOTOR VEHICLE LAW.								
KCS MP	02/05/82	1:10 AM	TEXARKANA	TX	SIDE COLLISION	0	2	\$85,000
36	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		INTERLOCKING		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		57 14003	4 5 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE CREW OF THE KCS FREIGHT TRAIN TO ASCERTAIN THAT THERE WAS NO TRAIN OR ENGINE ON CONFLICTING ROUTE; SIGNALS ON CONFLICTING ROUTE INDICATED "STOP" PRIOR TO OCCUPYING THE INTERLOCKING.								
CONTRIBUTING FACTOR: THE PUSHBUTTON REPEATER RELAY USED TO SECURE ROUTING THROUGH THE INTERLOCKING WAS DE-ENERGIZED DUE TO A STICKING BUTTON AT THE TIME OF THE ACCIDENT.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	02/09/82	11:20 PM	NEW SALEM	NE	DERAILMENT	0	0	\$718,000
40	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2094	49 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		TRAIN ORDERS					
			28 CAR(S)					
PROBABLE CAUSE: BROKEN 112-POUND JOINTED RAIL (DETAIL FRACTURE).								
BO	02/09/82	12:05 PM	MANSFIELD	OH	RAIL-HWY CROSSING	0	2	\$14,000
41	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		MANUAL BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X4094	36 MPH
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S)					
			7 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE MOTOR VEHICLE OPERATOR TO STOP SHORT OF THE RAIL-HIGHWAY CROSSING, EVEN THOUGH CROSSING SIGNALS INDICATED THE IMMEDIATE APPROACH OF A TRAIN.								
CR	02/10/82	1:25 AM	VIEW	PA	HEAD-END COLLISION	0	4	\$200,600
42	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		INTERLOCKING		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6120	5 MPH
			CAB SIGNAL					
			TRAFFIC CONTROL					
			TIME TABLE					
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S)					
			6 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE CREW (EXTRA 6120 WEST) TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								
CONTRIBUTING FACTOR: THE USE OF ALCOHOL BY THE ENGINEER OF EXTRA 6120 WEST MAY HAVE BEEN A CONTRIBUTING FACTOR.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK	02/11/82	4:45 PM	PHILADELPHIA	PA	DERAILMENT	0	0	\$128,500
46	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		INTERLOCKING TRAIN ORDERS AUTOMATIC BLOCK TIME TABLE		MOVEMENTS INVOLVED: PASSENGER TRAIN		612	15 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S)					
PROBABLE CAUSE: WIDE GAUGE BECAUSE RAILS WERE SPIKED WIDE INITIALLY AND THE RAIL AT THE CURVE WAS WORN.								
CNW	02/12/82	2:15 PM	EDWARDSVILLE	IL	DERAILMENT	0	0	\$1,519,722
47	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		383	40 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE(S) 43 CAR(S)					
PROBABLE CAUSE: TRAIN-TRACK DYNAMICS DUE TO AN UNDETERMINED IMBALANCE OF FORCES AGAINST THE HIGH RAIL ON THE 3-DEGREE CURVE.								
CR	02/13/82	6:15 AM	CHESTER	PA	DERAILMENT	0	0	\$40,000
48	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		YARD RULES		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2178	5 MPH
	EQUIPMENT DERAILED:		5 CAR(S)					
PROBABLE CAUSE: WIDE GAUGE DUE TO DETERIORATED CROSSTIES.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MP LN	02/16/82	4:15 AM	BEECHER	IL	DERAILMENT	0	0	\$977,100
52	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8081	58 MPH
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 35 CAR(S)					
PROBABLE CAUSE: BOLT HOLE BREAK IN THE 115-POUND JOINTED RAIL.								
DH	02/16/82	3:15 PM	ONEONTA	NY	REAR-END COLLISION	0	1	\$35,500
53	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN LIGHT LOCO(S)		X7315 X7401	0 MPH 10
	EQUIPMENT DERAILED:		1 CAR(S) 1 CABOOSE(S)					
PROBABLE CAUSE: FAILURE OF THE CREW (EXTRA 7401) TO OPERATE THE LOCOMOTIVE CONSIST IN ACCORDANCE WITH SIGNAL INDICATION.								
KCS	02/17/82	8:25 PM	JOPLIN	MO	DERAILMENT	0	1	\$73,000
54	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X604	30 MPH
	EQUIPMENT DERAILED:		12 CAR(S) 2 CABOOSE(S)					
PROBABLE CAUSE: HEAD AND WEB SEPARATION IN THE 127-POUND JOINTED RAIL.								







RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR ATK	02/25/82	9:15 AM	MILLBURY JUNCTION	OH	RAIL-HWY CROSSING	1	5	\$45,000
61			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 TRAFFIC CONTROL TIME TABLE	MOVEMENTS INVOLVED: PASSENGER TRAIN		49	70 MPH
			EQUIPMENT DERAILED:	NONE				
			PROBABLE CAUSE: FAILURE OF THE MOTOR VEHICLE OPERATOR TO STOP SHORT OF THE RAIL-HIGHWAY CROSSING.					
CR	02/25/82	11:28 PM	PRESCOTT	PA	DERAILMENT	0	0	\$219,975
62			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN		A-P5X	43 MPH
			EQUIPMENT DERAILED:	13 CAR(S)				
			PROBABLE CAUSE: QUICK BURN-OFF ROLLER BEARING JOURNAL AT R-2 LOCATION ON UP451336.					
CR	02/27/82	8:05 AM	SILVER LAKE	IN	DERAILMENT	0	0	\$183,800
63			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 TRAFFIC CONTROL TIME TABLE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7709	32 MPH
			EQUIPMENT DERAILED:	17 CAR(S)				
			PROBABLE CAUSE: IN-SERVICE FAILURE OF 112-POUND CWR RESULTING FROM A TRANSVERSE FISSURE.					

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CCO	02/28/82	3:25 PM	ROCKY	NC	DERAILMENT	0	0	\$225,000
64	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TRAFFIC CONTROL TIME TABLE 17 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3023	28 MPH
PROBABLE CAUSE: IMPROPER TRACK GAUGE AND ALIGNMENT.								
BAR	03/01/82	12:25 PM	BRIDGEWATER	ME	RAIL-HWY CROSSING	1	0	\$17,510
65	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		YARD 2 TIME TABLE TRAIN ORDERS YARD RULES 1 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X86	15 MPH
PROBABLE CAUSE: FAILURE OF THE MOTOR VEHICLE OPERATOR TO STOP SHORT OF THE CROSSING AS REQUIRED BY STATE LAW.								
LN	03/02/82	1:00 AM	OPP	AL	DERAILMENT	0	0	\$23,600
66	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TIME TABLE TRAIN ORDERS 6 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		451	20 MPH
PROBABLE CAUSE: ROCK OFF, DUE TO IRREGULAR CROSS-LEVEL.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	03/03/82	6:05 PM	WOOSTER	OH	DERAILMENT	0	0	\$158,800
67	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		Movements Involved: FREIGHT TRAIN		X6458	42 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S) 28 CAR(S)					
PROBABLE CAUSE: IMPROPER TRAIN HANDLING INVOLVING EXCESSIVE SPEED ON A 2-DEGREE, 46-MINUTE CURVE AND 0.68 PERCENT DESCENDING GRADE FORCED THE OUTER RAIL OVER.								
MP	03/04/82	7:55 AM	LANE	KS	DERAILMENT	0	0	\$339,700
68	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 TRAFFIC CONTROL TIME TABLE		Movements Involved: FREIGHT TRAIN		X3150	40 MPH
	EQUIPMENT DERAILED:		4 LOCOMOTIVE(S) 39 CAR(S)					
PROBABLE CAUSE: BROKEN FIELD WELD IN THE 136-POUND CWR.								
MP	03/04/82	6:40 PM	HASWELL	CO	DERAILMENT	0	0	\$100,000
69	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		Movements Involved: FREIGHT TRAIN		X3121	57 MPH
	EQUIPMENT DERAILED:		31 CAR(S)					
PROBABLE CAUSE: HOPPER CAR OFF CENTER, DUE TO MISSING CENTER PIN "A" END OF HOPPER CAR (WP10227).								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NW	03/09/82	11:00 PM	NAUGATUCK	WV	DERAILMENT	0	3	\$154,000
73	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X225	30 MPH
	EQUIPMENT DERAILED:		TIME TABLE					
			2 LOCOMOTIVE(S)					
			8 CAR(S)					
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 225) TO OPERATE TRAIN IN ACCORDANCE WITH FIXED SIGNAL INDICATIONS.								
GSF	03/10/82	3:20 PM	JACKSONVILLE	FL	RAIL-HWY CROSSING	0	5	\$800
74	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		YARD RULES		MOVEMENTS INVOLVED: LIGHT LOCO(S)		X3997	20 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: A BUS STALLED ON THE RAIL-HIGHWAY CROSSING.								
CONTRIBUTING FACTOR: A FAULTY OR IMPROPERLY REPAIRED TRANSMISSION.								
CR NW	03/11/82	10:30 AM	CHICAGO	IL	HEAD-END COLLISION	0	2	\$50,000
75	TYPE OF TRACK:		YARD					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		VERBAL PERMISSION		MOVEMENTS INVOLVED: YARD/SWITCHING		YCAA7	0 MPH
			YARD RULES		YARD/SWITCHING		X2907	7
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF THE NW CREW TO COMPLY WITH THE INSTRUCTIONS OF THE YARDMASTER.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	03/13/82	4:02 PM	KALAMAZOO	MI	DERAILMENT	0	1	\$15,400
76	TYPE OF TRACK:		YARD					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		YARD RULES		MOVEMENTS INVOLVED: YARD/SWITCHING		YJ-32	6 MPH
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S)					
PROBABLE CAUSE: THE LOCOMOTIVE DERAILED AND OVERTURNED AS IT RAN OVER A CENTER SILL CUSHIONING DEVICE THAT HAD FALLEN FROM BOX CAR CR 280939.								
CONTRIBUTING FACTOR: THE REAR SLIDING STOP AND THE CUSHIONING DEVICE SUPPORT CARRIER WERE MISSING. A VISUAL INSPECTION OF THE WELD FOR THE SUPPORT CARRIER INDICATED THAT ALL THE BREAKS WERE OLD.								
LI	03/14/82	2:18 AM	MINEOLA	NY	RAIL-HWY CROSSING	9	1	\$50
77	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		CAB SIGNAL		MOVEMENTS INVOLVED: PASSENGER TRAIN		4602	65 MPH
			TRAFFIC CONTROL					
			TIME TABLE					
			AUTO TRAIN CONTROL					
EQUIPMENT DERAILED:			NONE					
PROBABLE CAUSE: FAILURE OF THE MOTOR VEHICLE OPERATOR TO REMAIN STOPPED AT THE CROSSING UNTIL THE TRAIN HAD PASSED.								
CONTRIBUTING FACTOR: THE USE OF ALCOHOL BY THE MOTOR VEHICLE OPERATOR MAY HAVE CONTRIBUTED.								
LN	03/15/82	5:50 AM	ARKLOW	KY	DERAILMENT	0	0	\$36,490
78	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		793	18 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		7 CAR(S)					
PROBABLE CAUSE: PLAIN BEARING JOURNAL FAILURE AT R-3 LOCATION ON COVERED HOPPER CAR CN 355141.								





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
PATH	03/16/82	7:10 AM	NEW YORK	NY	FIRE OR VIOLENT RUPTURE	0	86	\$300,000
82			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: PASSENGER TRAIN		703	0 MPH
			EQUIPMENT DERAILED:	NONE				
			PROBABLE CAUSE:	A FIRE RESULTED FROM AN ELECTRICAL MALFUNCTION WITHIN THE MAIN CONTROL GROUP OF CAR NO. 725.				
FEC	03/16/82	7:20 AM	HIALEAH YARD	FL	SIDE COLLISION	0	0	\$203,003
83			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	YARD 2 YARD RULES	MOVEMENTS INVOLVED: YARD/SWITCHING YARD/SWITCHING		YJ 23 YJ 22	11 MPH 0
			EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 12 CAR(S)				
			PROBABLE CAUSE:	FAILURE OF THE CREW OF YARD JOB NO.23 TO BE PREPARED TO STOP WITHIN ONE-HALF THE DISTANCE OF THE RANGE OF VISION BECAUSE THE 116-CAR TRAIN HAD AIR BRAKES ON ONLY THE FIRST 14 CARS.				
SOU	03/16/82	8:17 AM	JONESBORO	TN	DERAILMENT	0	0	\$50,700
84			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN		186	24 MPH
			EQUIPMENT DERAILED:	10 CAR(S)				
			PROBABLE CAUSE:	VARIATION IN CROSS-LEVEL OF 1.5 INCHES IN 20 FEET IN A 6-DEGREE CURVE CAUSED WHEEL LIFT ON THE ELEVENTH CAR IN TRAIN.				

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SCL	03/17/82	6:50 PM	PARKWOOD	AL	DERAILMENT	0	0	\$69,700
85			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL TIME TABLE 7 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7016	25 MPH
PROBABLE CAUSE: THIN FLANGE WHEEL AT L-4 LOCATION ON TANK CAR CELX 1263 STRUCK SWITCH POINT AND CLIMBED THE RAIL.								
DH	03/18/82	6:50 PM	BINGHAMTON	NY	DERAILMENT	0	0	\$29,365
86			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL TIME TABLE 36 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7620	5 MPH
PROBABLE CAUSE: SLACK ACTION IN THE TRAIN WAS SUFFICIENT TO CAUSE THE 25TH CAR (CNW 162471) TO LIFT OFF THE RAILS AS THE TRAIN WAS STOPPING ON A CURVE.								
CONTRIBUTING FACTOR: THE 35 ADDITIONAL CARS DERAILED 289 FEET SOUTH OF THE INITIAL DERAILMENT AS THE TRAIN STARTED PULLING.								
B0	03/19/82	9:25 PM	DEFIANCE	OH	DERAILMENT	0	0	\$125,000
87			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 9 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X4197	30 MPH
PROBABLE CAUSE: BROKEN PLAIN BEARING JOURNAL AT R-1 LOCATION ON COVERED HOPPER CAR CRDX 4527. THE JOURNAL FAILED AS A RESULTS OF OVERHEATING.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ICG	03/26/82	8:10 PM	MEXICO	MO	SIDE COLLISION	0	2	\$665
91	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 YARD RULES TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN CUT OF CARS		X8304	8 MPH
	EQUIPMENT DERAILED:		1 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE CREW EXTRA 8304 TO OPERATE THE TRAIN IN ACCORDANCE WITH YARD LIMIT RULE NO.93.								
ATK	03/29/82	2:35 AM	BRISTOL	PA	HEAD-END COLLISION	0	39	\$775,400
92	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 6 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS CAB SIGNAL		MOVEMENTS INVOLVED: PASSENGER TRAIN LIGHT LOCO(S)		195 X769	0 MPH 43
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 1 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 769 EAST TO OPERATE THE LITE LOCOMOTIVE IN ACCORDANCE WITH THE PROVISIONS OF FORMAT "Q" TRAIN ORDER.								
BN	03/30/82	8:55 PM	GARRETSON	SD	SIDE COLLISION	0	0	\$15,500
93	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		YARD 1 YARD RULES		MOVEMENTS INVOLVED: YARD/SWITCHING LIGHT LOCO(S)		X2010	0 MPH 5
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S) 1 CAR(S)					
PROBABLE CAUSE: THE UNATTENDED LOCOMOTIVE CONSIST STRUCK THE YARD SWITCHING JOB.								
CONTRIBUTING FACTOR: FAILURE TO PROPERLY SECURE THE UNATTENDED LOCOMOTIVE CONSIST.								





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	04/07/82	11:19 AM	WILLCOX	AZ	DERAILMENT	0	1	\$452,840
100	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 4 TRAFFIC CONTROL TIME TABLE 22 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X9015	53 MPH
PROBABLE CAUSE: PLAIN BEARING JOURNAL FAILURE AT R-2 LOCATION ON SP562603, A FLATCAR.								
CONTRIBUTING FACTOR: FAILURE OF THE CONDUCTOR TO DETERMINE THE CONDITION OF THE FAILED JOURNAL BEFORE DECIDING TO CONTINUE AT TRACK SPEED.								
CNW	04/15/82	2:40 PM	CARNEY	MI	DERAILMENT	0	0	\$331,750
101	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TIME TABLE TRAIN ORDERS 17 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6864	27 MPH
PROBABLE CAUSE: BUCKLED TRACK RESULTING FROM IMPROPER AND INADEQUATE PLACEMENT OF RAIL ANCHORS ALLOWED LONGITUDINAL RAIL MOVEMENT.								
MILW	04/18/82	9:30 AM	WASHINGTON	IA	DERAILMENT	0	2	\$145,000
102	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MAIN 3 TIME TABLE TRAIN ORDERS 2 LOCOMOTIVE(S) 9 CAR(S)		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X170 X2069	28 MPH 0
PROBABLE CAUSE: EXCESSIVE BUFFING ACTION ON IRREGULAR TRACK SURFACE.								





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MILW	04/22/82	11:10 AM	BEDFORD	IN	DERAILMENT	0	0	\$846,000
106	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X27	47 MPH
	EQUIPMENT DERAILED:		TRAIN ORDERS					
			23 CAR(S)					
PROBABLE CAUSE: EMERGENCY APPLICATION OF THE AIR BRAKES WHILE THE TRAIN WAS IN A 3-DEGREE CURVE.								
CONTRIBUTING FACTOR: THE ENGINEER LOST CONTROL OF THE TRAIN ON A 1.3 PERCENT DESCENDING GRADE AFTER HE ACCIDENTALLY RELEASED THE AIR BRAKES WHILE REACHING FOR THE RADIO. THE TRAIN WAS MOVING AT 22 MPH ABOVE THE MAXIMUM AUTHORIZED SPEED WHEN THE EMERGENCY APPLICATION WAS MADE.								
CR DH	04/27/82	12:20 AM	LANCASTER	NY	DERAILMENT	0	0	\$217,000
107	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7606	22 MPH
	EQUIPMENT DERAILED:		TIME TABLE					
			2 LOCOMOTIVE(S)					
			16 CAR(S)					
PROBABLE CAUSE: FLAT WHEELS UNDER LOCOMOTIVE NO.2308 CAUSED LATERAL PRESSURE THAT FORCED THE SOUTH RAIL OUT OF POSITION.								
CONTRIBUTING FACTOR: THE INDEPENDENT AIR BRAKE HOSE CONNECTIONS BETWEEN LOCOMOTIVES 7417 AND 2308 WERE INCORRECTLY ALIGNED WHEN THEY WERE COUPLED.								
RFP CO	04/30/82	1:30 PM	RICHMOND	VA	DERAILMENT	0	1	\$1,120,000
108	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7618	60 MPH
	EQUIPMENT DERAILED:		TIME TABLE					
			3 LOCOMOTIVE(S)					
			42 CAR(S)					
			1 CABOOSE(S)					
PROBABLE CAUSE: THE HIGH RAIL TURNED OVER IN THE SPIRAL OF A CURVE DUE TO EXCESSIVE SPEED.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	05/01/82	10:00 PM	HUMBOLDT	NE	DERAILMENT	0	0	\$335,000
109	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X2296	49 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		TRAIN ORDERS					
			16 CAR(S)					
PROBABLE CAUSE: LOOSE WHEEL AT L-1 LOCATION ON ICG 15477, A LOADED BOX CAR.								
SP	05/07/82	07:14 AM	MONTCLAIR	CA	SIDE COLLISION	0	4	\$674,800
110	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X8503	25 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		5 LOCOMOTIVE(S)					
			10 CAR(S)					
PROBABLE CAUSE: FAILURE OF CREW OF EXTRA 8503 WEST TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.								
NW	05/10/82	3:15 PM	SALEM	VA	DERAILMENT	0	0	\$693,200
111	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	X1630	38 MPH
			TIME TABLE					
	EQUIPMENT DERAILED:		50 CAR(S)					
PROBABLE CAUSE: UNDETERMINED								





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	05/24/82	1:58 PM	WORLEY	ID	DERAILMENT	0	4	\$252,126
118	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2026	40 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE(S) 10 CAR(S)					
PROBABLE CAUSE: VANDALISM.								
CONTRIBUTING FACTOR: THE SWITCH WAS LEFT UNLOCKED BY AN EMPLOYEE.								
BN	05/29/82	1:25 PM	HARLEM	MT	DERAILMENT	0	0	\$571,600
119	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8065	55 MPH
	EQUIPMENT DERAILED:		27 CAR(S)					
PROBABLE CAUSE: BROKEN SOUTHERN (CS-1) CAST STEEL WHEEL AT R-1 LOCATION UNDER LN 111577, AN EMPTY BOX CAR.								
SCL	05/31/82	1:35 PM	PETERSBURG	VA	DERAILMENT	0	0	\$788,766
120	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		120	64 MPH
	EQUIPMENT DERAILED:		30 CAR(S)					
PROBABLE CAUSE: UNDETERMINED								







RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN ATK	06/15/82	3:17 AM	EMERSON	IA	DERAILMENT	1	98	\$3,183,000
127			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL TIME TABLE 2 LOCOMOTIVE(S) 12 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN		5	63 MPH
PROBABLE CAUSE: WASHED-OUT TRACK STRUCTURE DUE TO TORRENTIAL RAINFALL. RAINFALL DURING THE PRECEDING 12 HOURS EQUALED ONE-THIRD OF NORMAL RAINFALL FOR ONE YEAR.								
B0	06/15/82	3:50 PM	QUEENSGATE YARD	OH	SIDE COLLISION	0	23	\$29,800
128			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	YARD 2 YARD RULES 4 CAR(S)	MOVEMENTS INVOLVED: YARD/SWITCHING CUT OF CARS		TRIM1	5 MPH 8
PROBABLE CAUSE: FAILURE OF THE COMPUTERIZED RETARDER SYSTEM TO SLOW THE THREE TANK CARS SUFFICIENTLY TO AVOID FOULING THE ADJACENT TRACK.								
CONTRIBUTING FACTOR: THE WHEELS OF THE THREE TANK CARS WERE COVERED WITH CORN SYRUP WHICH AFFECTED PROPER RETARDATION.								
BN	06/16/82	4:00 AM	VALLIANT	OK	DERAILMENT	0	0	\$166,700
129			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TIME TABLE TRAIN ORDERS 8 CAR(S)	MOVEMENTS INVOLVED: FREIGHT TRAIN		X1381	35 MPH
PROBABLE CAUSE: WASHED-OUT TRACK ROADBED.								
CONTRIBUTING FACTOR: HEAVY RAINFALL HAD SATURATED THE GROUND.								







RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SCL	06/29/82	10:20 AM	WOODLAND	GA	HEAD-END COLLISION	0	0	\$2,000
138	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN		HY-RA X4630	15 MPH 30
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 4630) TO OPERATE THE TRAIN IN ACCORDANCE WITH TRAIN ORDERS NO.16 AND NO.17.								
AWP	06/29/82	6:20 PM	HOGANSVILLE	GA	DERAILMENT	0	0	\$1,051,004
139	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		214	50 MPH
	EQUIPMENT DERAILED:		30 CAR(S)					
PROBABLE CAUSE: EXCESSIVE CHANGE OF SUPERELEVATION RUNOFF ON SPIRAL OF A 3-DEGREE CURVE.								
CONTRIBUTING FACTOR: EXCESSIVE LATERAL DRAWBAR FORCE ON CURVE.								
ATSF	07/02/82	11:45 AM	ALLENSWORTH	CA	DERAILMENT	0	0	\$69,462
140	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3309	42 MPH
	EQUIPMENT DERAILED:		13 CAR(S)					
PROBABLE CAUSE: ROLLER BEARING JOURNAL FAILURE ON ATSF 290272, A LOADED FLATCAR.								





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	07/20/82	3:55 PM	ROGGEN	CO	DERAILMENT	0	0	\$868,500
147	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X5577	40 MPH
	EQUIPMENT DERAILED:		TIME TABLE 32 CAR(S)					
PROBABLE CAUSE: LATERAL DISPLACEMENT (SUN KINK) IN THE TRACK STRUCTURE UNDER TRAIN MOVEMENT.								
CONTRIBUTING FACTOR: FAILURE OF THE CARRIER PERSONNEL TO COMPLY WITH INSTRUCTIONS GOVERNING DISTURBANCE OF CWR. FAILURE OF THE CARRIER TO COMPLY WITH TITLE 49 CFR, SECTION 213.119(B) OF THE TRACK SAFETY STANDARDS.								
UP	07/21/82	4:55 PM	CHEYENNE	WY	SIDE COLLISION	0	0	\$121,507
148	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		YARD RULES		MOVEMENTS INVOLVED: YARD/SWITCHING		X3067	0 MPH
	EQUIPMENT DERAILED:		1 CAR(S)		FREIGHT TRAIN		X3536	8
					FREIGHT TRAIN		X3177	20
PROBABLE CAUSE: THE ENGINEER OF EXTRA 3536 HANDLING FOUR LOCOMOTIVES AND FIVE CARS SHOVED BACK INTO THE SIDE OF YARD ENGINE EXTRA 3067 AS HE RESPONDED TO A HAND SIGNAL INTENDED FOR THE ENGINEER OF THE YARD ENGINE.								
BN	07/26/82	5:10 PM	PLEASANTON	KS	DERAILMENT	0	5	\$102,815
149	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2955	56 MPH
	EQUIPMENT DERAILED:		TIME TABLE 10 CAR(S) 1 CABOOSE(S)					
PROBABLE CAUSE: THE 132-POUND CWR MOVED Laterally UNDER TRAIN MOVEMENT.								
CONTRIBUTING FACTOR: THE TEMPERATURE WAS 95 DEGREES F., AND 7 CONSECUTIVE TIES HAD BEEN RECENTLY REPLACED AT THE LOCATION OF THE ACCIDENT. THE MAINTENANCE-OF-WAY SUPERVISOR FAILED TO PLACE AN APPROPRIATE SLOW ORDER OVER THE NEWLY DISTURBED TRACK.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP	07/27/82	9:55 AM	NORTH PLATTE	NE	BROKEN TRAIN COLLISION	0	1	\$207,750
150	TYPE OF TRACK:		YARD					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		YARD RULES	MOVEMENTS INVOLVED:	YARD/SWITCHING	X3045	14 MPH	
			TIME TABLE	CUT OF CARS				
	EQUIPMENT DERAILED:		23 CAR(S)					
PROBABLE CAUSE: A BLOCK OF 25 CARS WAS SHOVED INTO A STANDING BLOCK OF 27 CARS.								
CONTRIBUTING FACTOR: THE THIRD SHIFT YARDMASTER FAILED TO INFORM THE NEXT YARDMASTER THAT A SEPARATION HAD BEEN MADE BETWEEN THE CARS ON TRACK NO.8.								
CR	08/01/82	2:55 AM	ELYRIA	OH	DERAILMENT	0	2	\$248,000
151	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X6277	50 MPH	
			TIME TABLE					
	EQUIPMENT DERAILED:		19 CAR(S)					
PROBABLE CAUSE: BROKEN WHEEL AT L-1 LOCATION ON TANK CAR ECUX 404210.								
SP	08/02/82	5:23 PM	DURHAM	CA	DERAILMENT	1	0	\$722,000
152	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X9068	43 MPH	
			TIME TABLE					
	EQUIPMENT DERAILED:		37 CAR(S)					
PROBABLE CAUSE: A FARMER MOVING FARM MACHINERY OVER THE RAIL-HIGHWAY CROSSING HOOKED THE WEST RAIL AND PULLED IT OUT OF ALIGNMENT.								
CONTRIBUTING FACTOR: AFTER THE FARMER NOTIFIED THE CARRIER OF THE TRACK DAMAGE, THE CARRIER FAILED TO MAKE A SPECIAL INSPECTION OF THE TRACK.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
B0	08/03/82	6:10 PM	HANCOCK	WV	DERAILMENT	0	0	\$527,000
153	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		396	43 MPH
	EQUIPMENT DERAILED:		TIME TABLE 31 CAR(S)					
PROBABLE CAUSE: SUN KINK IN THE 122-POUND CWR.								
CR	08/09/82	9:45 AM	PHILADELPHIA	PA	BROKEN TRAIN COLLISION	0	1	\$70,500
154	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		INTERLOCKING		MOVEMENTS INVOLVED: PASSENGER TRAIN		HC7 A	9 MPH
	EQUIPMENT DERAILED:		5 LOCOMOTIVE(S)					
PROBABLE CAUSE: A DEFECTIVE UNCOUPLING VALVE ON MULTIPLE UNIT NO. 272 ALLOWED THE 10-UNIT CONSIST TO UNCOUPLE BETWEEN THE THIRD AND FOURTH CARS.								
ATSF	08/12/82	5:20 AM	TENAHA	TX	BROKEN TRAIN COLLISION	0	0	\$152,500
155	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		YARD RULES		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2216	0 MPH
	EQUIPMENT DERAILED:		TIME TABLE TRAIN ORDERS 1 LOCOMOTIVE(S)		LIGHT LOCO(S)		X2216	18
PROBABLE CAUSE: FAILURE OF THE LOCOMOTIVE CREWS TO CONTROL THE SPEED OF THE LOCOMOTIVES AS THEY WERE BEING COUPLED TO THE TRAIN.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
S00	09/14/82	11:55 PM	MARINE	MN	DERAILMENT	0	2	\$1,840,719

159								
					MOVEMENTS INVOLVED:			
					FREIGHT TRAIN		910	38 MPH

TYPE OF TRACK: MAIN  
CLASS OF TRACK: 3  
METHOD OF OPERATION: TIME TABLE  
TRAIN ORDERS  
EQUIPMENT DERAILED: 2 LOCOMOTIVE(S)  
12 CAR(S)

PROBABLE CAUSE: WASHOUT OF THE TRACK DUE TO HEAVY RAINS IN THE AREA.

CONTRIBUTING FACTOR: A BEAVER DAM GAVE WAY APPROXIMATELY 500 FEET NORTHWEST OF THE TRACK. TREES AND BRUSH RESTRICTED VISIBILITY TO APPROXIMATELY 500 FEET ON THE 1-DEGREE 30-MINUTE CURVE.

CR	09/15/82	7:23 AM	MCCALLS FERRY	PA	REAR-END COLLISION	0	3	\$51,800
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160								
					MOVEMENTS INVOLVED:			
					FREIGHT TRAIN		X6335	0 MPH
					FREIGHT TRAIN		X6007	15

TYPE OF TRACK: MAIN  
CLASS OF TRACK: 3  
METHOD OF OPERATION: TRAFFIC CONTROL  
TIME TABLE  
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)  
5 CAR(S)  
1 CABOOSE(S)

PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 6007 WEST TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.

ATSF	09/19/82	8:55 AM	JAVA	CA	REAR-END COLLISION	0	0	\$828,557
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161								
					MOVEMENTS INVOLVED:			
					FREIGHT TRAIN		X3800	0 MPH
					FREIGHT TRAIN		X5684	33

TYPE OF TRACK: MAIN  
CLASS OF TRACK: 4  
METHOD OF OPERATION: AUTOMATIC BLOCK  
TIME TABLE  
TRAIN ORDERS  
EQUIPMENT DERAILED: 4 LOCOMOTIVE(S)  
9 CAR(S)  
1 CABOOSE(S)

PROBABLE CAUSE: FAILURE OF THE TRAIN CREW OF EXTRA 5684 EAST TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SSW	09/20/82	10:15 AM	RANDLES	MO	HEAD-END COLLISION	0	0	\$368,500
162	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:		FREIGHT TRAIN	
	EQUIPMENT DERAILED:		TIME TABLE				X7865	
			4 LOCOMOTIVE(S)		FREIGHT TRAIN		X7819	
							0 MPH	
							12	
PROBABLE CAUSE: FAILURE OF THE CREW (EXTRA 7865 NORTH) TO OPERATE THE TRAIN IN ACCORDANCE WITH CARRIER OPERATING RULES.								
CONTRIBUTING FACTOR: THE ENGINEER HAD NEVER OPERATED A LOCOMOTIVE NOR OCCUPIED THE CAB OF A LOCOMOTIVE OVER THE TERRITORY INVOLVED. THE CONDUCTOR OF THE SOUTHBOUND TRAIN AND THE CONDUCTOR AND FRONT BRAKEMAN OF THE NORTHBOUND TRAIN HAD NEVER ATTENDED A RULES CLASS NOR HAD THEY BEEN EXAMINED ON THE RULES.								
ICG	09/28/82	5:10 AM	DOYLE	LA	DERAILMENT	0	6	\$1,669,525
163	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED:		FREIGHT TRAIN	
	EQUIPMENT DERAILED:		TRAIN ORDERS				X9629	
			43 CAR(S)				50 MPH	
PROBABLE CAUSE: BUFF FORCES IN THE TRAIN WERE SUFFICIENT TO SPREAD THE RAILS UNDER THE 17TH CAR AFTER UNDESIRED EMERGENCY BRAKE APPLICATION.								
CONTRIBUTING FACTOR: THE LOCOMOTIVE WAS BEING OPERATED BY AN OFF-DUTY CLERK-OPERATOR AT THE TIME OF THE ACCIDENT. THE USE OF ALCOHOL BY THE ASSIGNED ENGINEER AND FRONT BRAKEMAN MAY HAVE CONTRIBUTED TO THE ACCIDENT.								
ATSF	10/03/82	3:05 AM	GOFFS	CA	REAR-END COLLISION	0	3	\$594,054
164	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:		FREIGHT TRAIN	
	EQUIPMENT DERAILED:		TIME TABLE				X5430	
			TRAIN ORDERS		FREIGHT TRAIN		X5426	
			3 LOCOMOTIVE(S)				9 MPH	
			12 CAR(S)				29	
			1 CABOOSE(S)					
PROBABLE CAUSE: FAILURE OF THE CREW OF EXTRA 5426 EAST TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								
CONTRIBUTING FACTOR: THE ENGINEER AND FRONT BRAKEMAN OF EXTRA 5426 ADMITTED TO FALLING ASLEEP PRIOR TO THE COLLISION.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
LN	10/10/82	11:10 AM	MOLINO	FL	DERAILMENT	0	2	\$162,323
168	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		SIDING 2 MANUAL BLOCK TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN CUT OF CARS		407	35 MPH
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S) 8 CAR(S)					
PROBABLE CAUSE: MISALIGNMENT OF A SWITCH BY PERSON(S) UNKNOWN.								
UP ATSF	10/11/82	11:17 AM	SALINA	KS	SIDE COLLISION	0	0	\$132,000
169	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 2 AUTOMATIC BLOCK INTERLOCKING TIME TABLE YARD RULES		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X2402 X3695	15 MPH 2
	EQUIPMENT DERAILED:		3 LOCOMOTIVE(S) 1 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE ATSF CREW ON EXTRA 3695 TO TAKE THE NECESSARY ACTION TO STOP SHORT OF UP-ATSF INTERLOCKING SIGNAL NO.4, WHICH DISPLAYED A RED ASPECT.								
CONTRIBUTING FACTOR: A MALFUNCTIONING LIGHT BULB IN SIGNAL NO.4 CAUSED THE ASPECT TO FLUCTUATE BETWEEN RED AND DARK.								
TT CO CR	10/23/82	6:15 AM	VICKERS	OH	SIDE COLLISION	0	2	\$11,000
170	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:		MAIN 3 INTERLOCKING		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X4195 X6520	12 MPH 10
	EQUIPMENT DERAILED:		1 CABOOSE(S)					
PROBABLE CAUSE: FAILURE OF THE ENGINEER OF EXTRA 4195 SOUTH TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION.								
CONTRIBUTING FACTOR: THE USE OF ALCOHOL BY THE ENGINEER OF EXTRA 4195 SOUTH MAY HAVE CONTRIBUTED TO THE CAUSE.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
LA	10/26/82	3:40 AM	CURTIS	LA	DERAILMENT	0	0	\$232,000
171	TYPE OF TRACK:		SIDING					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X799	9 MPH
	EQUIPMENT DERAILED:		TRAIN ORDERS 10 CAR(S)					
PROBABLE CAUSE: SLACK ACTION IN THE TRAIN WAS SUFFICIENT TO DERAIL THE TRAILING TRUCK OF THE 46TH CAR, AN 89-FOOT FLATCAR WITH A SINGLE TRAILER ON THE LEADING END.								
ATSF ATK	10/28/82	6:05 PM	GALIVAN	CA	OBSTRUCTION	0	8	\$200,000
172	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: PASSENGER TRAIN		80	90 MPH
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: PERSON(S) UNKNOWN PLACED A PIECE OF METAL ON THE TRACK.								
CR	11/03/82	8:23 AM	MOUNT VERNON	NY	DERAILMENT	0	0	\$13,000
173	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL TIME TABLE		MOVEMENTS INVOLVED: PASSENGER TRAIN		1343	35 MPH
	EQUIPMENT DERAILED:		1 LOCOMOTIVE(S)					
PROBABLE CAUSE: BURNED OFF JOURNAL AT R-4 LOCATION ON CAR CR 8542.								



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATK CR	11/10/82	5:54 AM	NASSAU	NJ	DERAILMENT	0	0	\$33,000
174								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	6				
			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED: FREIGHT TRAIN		MAIL8	30 MPH
			EQUIPMENT DERAILED:	CAB SIGNAL				
				2 CAR(S)				
				1 CABOOSE(S)				
			PROBABLE CAUSE:	COUPLER ASSEMBLY PULLED OUT OF THE "B" END OF FLATCAR TTAX 971342 BECAUSE OF MISSING COUPLER RETAINING PIN.				
ATK	11/10/82	12:05 PM	PENNSYLVANIA STATION	NY	REAR-END COLLISION	0	6	\$3,500
175								
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED: PASSENGER TRAIN		282	0 MPH
			EQUIPMENT DERAILED:	TIME TABLE	PASSENGER TRAIN		293	6
				2 CAR(S)				
			PROBABLE CAUSE:	FAILURE OF THE CREW OF TRAIN NO. 293 TO PROPERLY CONTROL THE MOVEMENT OF THE TRAIN IN ACCORDANCE WITH SPECIAL INSTRUCTIONS.				
			CONTRIBUTING FACTOR:	THE CONDUCTOR AT THE LEADING END OF THE MOVEMENT WAS USING A HAND LANTERN WITH A DEFECTIVE SWITCH.				
BN	11/11/82	5:15 AM	ARTHUR CITY	TX	RAKING COLLISION	0	0	\$230,376
176								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
			METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X1399	22 MPH
			EQUIPMENT DERAILED:	TRAIN ORDERS	CUT OF CARS			0
				NONE				
			PROBABLE CAUSE:	FORCE EXERTED BY THE SCRAP METAL IN A GONDOLA CAR WAS SUFFICIENT TO BUCKLE THE SIDE FAR ENOUGH TO STRIKE THE CARS AND THE BRIDGE.				
			CONTRIBUTING FACTOR:	THE CAR WAS IMPROPERLY LOADED.				

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	11/13/82	12:30 AM	WISTER	CA	DERAILMENT	0	2	\$264,000
177	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X9121	70 MPH	
	EQUIPMENT DERAILED:		TIME TABLE					
			22 CAR(S)					
PROBABLE CAUSE: A BOLT HOLE BREAK IN THE 136-POUND CWR.								
CR	11/19/82	4:15 AM	COLLINGTON	MD	HEAD-END COLLISION	0	5	\$234,000
178	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		MANUAL BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		X6411	10 MPH	
	EQUIPMENT DERAILED:		TIME TABLE	FREIGHT TRAIN		X6374	15	
			TRAIN ORDERS					
			1 LOCOMOTIVE(S)					
			3 CAR(S)					
			1 CABOOSE(S)					
PROBABLE CAUSE: EXTRA 6374 NORTH OCCUPIED THE MAIN TRACK BEYOND THE BLOCK LIMIT STATION AT COLLINGTON WITHOUT AUTHORITY.								
CONTRIBUTING FACTOR: THE ENGINEER OF EXTRA 6374 NORTH FELL ASLEEP WHILE OPERATING THE TRAIN. THE CONDUCTOR, FLAGMAN, AND FRONT BRAKEMAN FAILED TO PROVIDE FOR THE SAFETY AND CARE OF THE TRAIN.								
BN	11/24/82	5:35 AM	CASSA	WY	DERAILMENT	0	0	\$213,420
179	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X5013	25 MPH	
	EQUIPMENT DERAILED:		TIME TABLE					
			15 CAR(S)					
PROBABLE CAUSE: EXCESSIVE BUFF ACTION DURING DYNAMIC BRAKING ON A 6-DEGREE CURVE WAS SUFFICIENT TO DERAIL THE 81ST CAR TO THE LOW SIDE OF THE CURVE.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	11/26/82	11:40 PM	ASHLAND	NE	DERAILMENT	0	0	\$315,900
180	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8015	40 MPH	
	EQUIPMENT DERAILED:		TIME TABLE					
			12 CAR(S)					
PROBABLE CAUSE: THE WHEELS OF THE TRAILING TRUCK OF THE 71ST CAR (WP66029) CLIMBED THE OUTSIDE RAIL ON THE 3-DEGREE CURVE.								
CONTRIBUTING FACTOR: THE TRAILING TRUCK OF WP 66029 DID NOT CONTAIN A CENTER PLATE LINER.								
NW	12/03/82	3:55 AM	YUTON	IL	DERAILMENT	1	0	\$191,800
181	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		MANUAL BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		X907	37 MPH	
	EQUIPMENT DERAILED:		TIME TABLE					
			TRAIN ORDERS					
			1 LOCOMOTIVE(S)					
			11 CAR(S)					
PROBABLE CAUSE: WASHED-OUT TRACK STRUCTURE.								
CONTRIBUTING FACTOR: UNUSUALLY HEAVY RAINFALL WITHIN THE PRECEDING 24 HOURS.								
MP	12/07/82	2:55 PM	PANA	IL	RAIL-HWY CROSSING	2	1	\$80,000
182	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X1665	35 MPH	
	EQUIPMENT DERAILED:		TIME TABLE					
			2 LOCOMOTIVE(S)					
			7 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE MOTOR VEHICLE OPERATOR TO STOP SHORT OF THE RAIL-HIGHWAY CROSSING AND TO REMAIN STOPPED UNTIL THE TRAIN HAD PASSED.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN	12/13/82	11:30 PM	SUTTON	NE	BROKEN TRAIN COLLISION	0	1	\$210,500

183	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL TIME TABLE 7 CAR(S)	MOVEMENTS INVOLVED: CUT OF CARS LIGHT LOCO(S)	X1600 X1600	0 MPH 23
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PROBABLE CAUSE: FAILURE OF THE LOCOMOTIVE CREW TO OPERATE THE CONSIST AT REDUCED SPEED PREPARED TO STOP SHORT OF RECOUPLING TO THE STANDING PORTION OF THE TRAIN.

CONTRIBUTING FACTOR: FAILURE OF THE CREW TO PLACE TORPEDOES ON THE TRACK, AS REQUIRED BY OPERATING RULE 102(B).

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