

# Summary of Accidents Investigated by the Federal Railroad Administration Calendar Year 1980

February 1982



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

Office of Safety

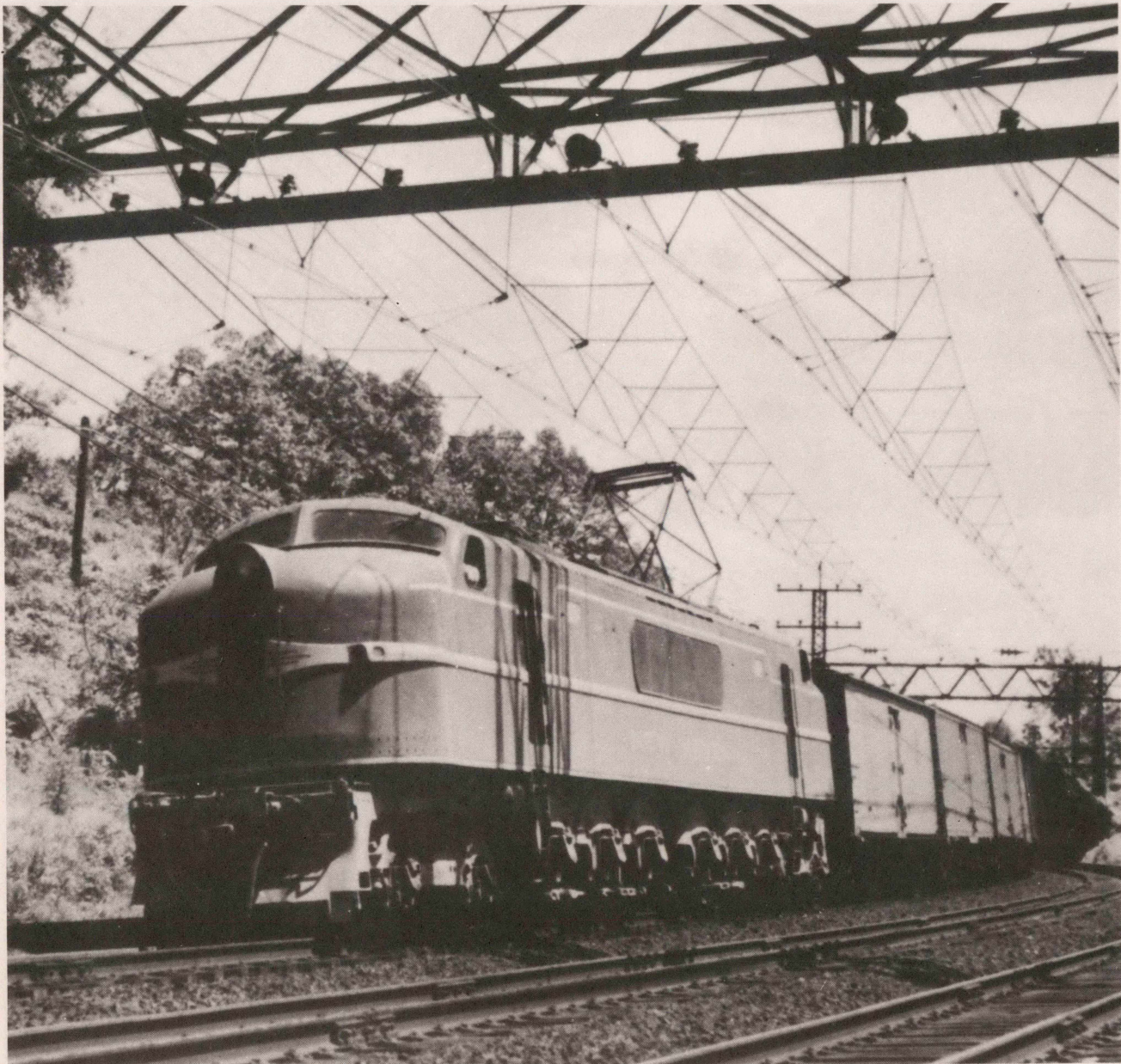




TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION .....	ii
ACCIDENT SUMMARY .....	iii
ACCIDENT LOCATION .....	vi
ACCIDENT INVESTIGATION REPORTS .....	1

## INTRODUCTION

The 1980 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 130 railroad accidents.

This summary provides the following information:

- o the railroad(s) involved
- o the location and 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, 1979, 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 was 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-32  
400 Seventh Street, S. W.  
Washington, D. C. 20590

## ACCIDENT SUMMARY

### 1. Accidents Investigated

During Calendar Year 1980, the Federal Railroad Administration investigated and determined the probable cause of 130 railroad accidents.

	<u>No.</u>	<u>PERCENT</u>
<b>2. <u>Type of Accident</u></b>		
(a) Derailment	80	61.5
(b) Head-End Collision	9	6.9
(c) Rear-End Collision	21	16.2
(d) Side Collision	8	6.2
(e) Raking Collision	2	1.5
(f) Broken Train Collision	1	.8
(g) Rail-Highway Crossing	7	5.4
(h) Obstruction	2	1.5
Total	130	100.0

	<u>No.</u>	<u>PERCENT</u>
<b>3. <u>Accident Cause</u></b>		
(a) Track Roadbed and Structure	30	23.1
(b) Mechanical and Electrical Failure	22	16.9
(c) Train Operation-Human Factor	58	44.6
(d) Miscellaneous	20	15.4
Total	130	100.0

	<u>No.</u>
<b>4. <u>Casualties</u></b>	
(a) Killed	34
(b) Injured	853

5.

TRACK ACCI- CLASS DENTS	TOTAL DAMAGE	EQUIPMENT DAMAGE	TRACK DAMAGE
1	17	\$1,551,811	\$200,681
2	13	\$3,454,927	\$199,677
3	34	\$11,036,111	\$1,341,808
4	53	\$25,056,074	\$1,874,235
5	11	\$4,082,987	\$219,426
6	2	\$101,000	\$18,000
TOTAL	130	\$45,282,910	\$3,853,827

COLLI- SIONS	DERAIL- MENTS	OTHER ACCIDENTS	TRACK CAUSED	EQUIPMENT FAILURE	HUMAN FACTORS	OTHER CAUSES
4	11	2	5	1	7	4
5	7	1	2	2	8	1
7	24	3	11	6	11	6
17	33	3	9	12	24	8
7	4	---	3	1	7	---
1	1	---	---	---	1	1
41	80	9	30	22	58	20

## .....COLLISIONS.....

	HUMAN FACTORS	EQUIP	TRACK	OTHER
ALABAMA GREAT SOUTHERN RAILROAD	---	---	---	---
ATLANTA AND ST. ANDREWS BAY RR CO	1	---	---	---
AMTRAK	3	---	---	2
ATCHISON, TOPEKA AND SANTA FE RAILWAY	4	---	2	---
ATLANTA AND WEST POINT RAILROAD COMPANY	---	2	---	---
BOSTON AND MAINE CORPORATION	2	---	---	---
BURLINGTON NORTHERN	3	---	---	---
BALTIMORE AND OHIO RAILROAD	2	---	---	---
BALTIMORE AND OHIO CHICAGO TERMINAL RR	1	---	---	---
CHICAGO AND NORTH WESTERN TRANSPORTATION CO.	2	---	---	---
CHESAPEAKE AND OHIO RAILWAY COMPANY	---	---	---	---
CONSOLIDATED RAIL CORP.	12	---	---	2
CENTRAL VERMONT	2	---	---	---
ELGIN, JOLIET AND EASTERN RAILWAY	1	---	---	---
FLORIDA EAST COAST RAILWAY	---	---	---	2
GEORGIA RAILROAD	---	---	---	---
ILLINOIS CENTRAL GULF RAILROAD	2	---	---	---
KANSAS CITY SOUTHERN RAILWAY	2	---	---	---
LOUISIANA AND ARKANSAS RAILWAY COMPANY	---	---	---	---
LONG ISLAND RAILROAD	3	---	---	---
LOUISVILLE AND NASHVILLE RAILROAD	5	---	1	---
MAINE CENTRAL RAILROAD	---	---	---	---
CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC	2	---	---	---
MISSOURI-KANSAS-TEXAS RAILROAD	2	---	---	---
MISSOURI PACIFIC RAILROAD	2	---	---	---
NORFOLK AND WESTERN RAILWAY	6	---	1	---
SEABOARD COAST LINE RAILROAD	1	1	---	---
ST. LOUIS-SAN FRANCISCO RAILWAY	---	---	---	---
SOUTHERN RAILWAY	---	---	---	---
SOUTHERN PACIFIC TRANSPORTATION COMPANY	3	---	---	---
TOLDEO, PEORIA AND WESTERN RAILROAD	2	---	---	---
UNION PACIFIC RAILROAD	4	---	---	2
UNITED STATES STEEL CORPORATION	1	---	---	---
WESTERN MARYLAND RAILWAY	---	---	---	---
WESTERN PACIFIC	1	---	---	---
STATEN ISLAND RAPID TRANSIT OPER. AUTH.	---	---	---	---
TOTAL	69	3	4	8

## RAILROAD, TYPE, AND CAUSE

.....DERAILMENTS..... OTHER.....

.....DERAILMENTS.....				OTHER.....				TOTAL
HUMAN FACTORS	EQUIP	TRACK	OTHER	HUMAN FACTORS	EQUIP	TRACK	OTHER	
---	---	1	---	---	---	---	---	1
---	---	---	---	---	---	---	---	1
2	2	4	1	1	---	---	---	15
---	---	2	---	---	---	---	---	8
---	---	---	---	---	---	---	---	2
---	---	2	---	---	---	---	1	5
3	3	3	1	---	---	---	---	13
2	2	2	4	---	---	---	---	12
---	---	---	---	---	---	---	---	1
3	2	---	---	---	---	---	---	7
1	---	3	---	---	---	---	---	4
4	5	3	---	1	---	---	1	28
---	---	---	---	---	---	---	---	2
---	---	---	---	---	---	---	---	1
---	---	---	---	---	---	---	---	2
---	1	1	---	---	---	---	---	2
---	---	5	2	---	---	---	2	11
---	---	---	---	---	---	---	---	2
---	1	---	---	---	---	---	---	1
---	---	---	---	---	---	---	---	3
1	2	1	1	---	---	---	---	11
---	---	1	---	---	---	---	---	1
---	---	---	---	---	---	---	1	3
---	---	---	---	---	---	---	---	2
2	4	1	---	---	---	---	---	9
---	---	2	---	---	---	---	---	9
---	---	---	---	---	---	---	1	3
---	1	---	---	---	---	---	---	1
1	---	---	---	---	---	---	1	2
1	1	---	---	---	---	---	---	5
---	---	---	---	---	---	---	---	2
1	---	---	---	---	---	---	---	7
---	---	---	---	---	---	---	---	1
1	---	---	---	---	---	---	---	1
3	---	---	---	---	---	---	---	4
---	---	---	---	1	---	---	---	1
25	24	31	9	3	---	---	7	183



REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
1	ATSF	SHAFTER	CA	01/04/80	1
2	ATK/ BM	BOSTON	MA	01/08/80	1
3	LN	WORTHVILLE	KY	01/11/80	1
4	CR	MILLFIELD	OH	01/13/80	2
5	CR	LANGHORNE	PA	01/13/80	2
6	BN	RIDGEFIELD	WA	01/14/80	2
7	BO	FAYNE	OH	01/24/80	3
8	LN	ACWORTH	GA	01/25/80	3
9	SOU	BROWNS	IL	01/25/80	3
10	CR	CORNING	NY	01/28/80	4
11	CR	ODENTON	MD	01/30/80	4
12	BM	EAGLE BRIDGE	NY	02/02/80	4
13	MKT	RAY	TX	02/05/80	5
14	ICG	HENNING	TN	02/05/80	5
15	TPW	EAST PEORIA	IL	02/06/80	5
16	CR	EASTON	PA	02/07/80	6
17	SOU	CAYCE	SC	02/07/80	6
18	ATSF/ ATK	SHOEMAKER	NM	02/07/80	6
19	MP	O'KEAN	AR	02/09/80	7
20	WP/ SP	PREBLE	NV	02/10/80	7
21	BN	SCENIC	WA	02/10/80	7
22	SP	LODI	CA	02/11/80	8
23	BO	ORLEANS ROAD	WV	02/12/80	8
24	MP	MOMENCE	IL	02/13/80	8
25	ICG	SLEDGE	MS	02/13/80	9
26	BN	ANGORA	NE	02/16/80	9
27	CV	GIBBS	CT	02/22/80	9
28	CR/ BO	OUTVILLE	OH	02/26/80	10
29	CNW	WAUKEGAN	IL	03/13/80	10
30	BN/ ATK	GLACIER PARK	MT	03/14/80	10
31	BN/ ATK	ARLINGTON	IL	03/19/80	11
32	LN	GRAYSVILLE	GA	03/20/80	11
33	CR/ ATK	DARIEN	CT	03/24/80	11
34	KCS	SALLISAW	OK	03/28/80	12
35	SCL/ ATK	SOUTHERN PINES	NC	04/02/80	12
36	BM	MYSTIC JUNCTION	MA	04/03/80	12
37	CO	HURRICANE	WV	04/05/80	13
38	MP	ARLINGTON	CO	04/07/80	13
39	WP	HAYWARD	CA	04/09/80	13
40	CR	BALTIMORE	MD	04/10/80	14

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
41	AGS	PICAYUNE	MS	04/13/80	14
42	GA	BUCKHEAD	GA	04/19/80	14
43	CR	NEW CARLISLE	IN	04/27/80	15
44	ICG/ ATK	HUMBOLDT	IL	05/07/80	15
45	ATSF	PISGAH	CA	05/11/80	15
46	ICG/ ATK	GALTON	IL	05/12/80	16
47	NW	PALMER	IL	05/18/80	16
48	CO	YOLYN	WV	05/30/80	16
49	BO	RIDGWAY	PA	06/04/80	17
50	ATK/ CR	BALTIMORE	MD	06/05/80	17
51	LA	GARLAND	TX	06/06/80	17
52	MILW/ BOCT/ IHB	NORPAUL	IL	06/08/80	18
53	MILW	GRAYS LAKE	IL	06/10/80	18
54	SP	SMALL	TX	06/15/80	18
55	ICG	HAMMOND	LA	06/17/80	19
56	EJE/ USSC	GARY	IN	06/21/80	19
57	BO	GATHERSBURG	MD	06/23/80	19
58	ICG/ ATK	MEMPHIS	TN	06/27/80	20
59	WM	EDGEMONT	MD	06/27/80	20
60	CO	ENSEL	MI	07/02/80	20
61	ICG	MAXON	KY	07/08/80	21
62	ATK	LINDEN	NJ	07/09/80	21
63	BN	HASTINGS	IA	07/10/80	21
64	NW	WILLIAMSPORT	IN	07/15/80	22
65	CR	NORTH WALES	PA	07/17/80	22
66	LN	STANTON	TN	07/21/80	22
67	ICG	MULDRAUGH	KY	07/26/80	23
68	CR	MEEKERS	OH	07/30/80	23
69	UP	DAVENPORT	NE	07/31/80	23
70	CR	CROTON HARMON	NY	07/31/80	24
71	BO	HAYDEN	IN	08/19/80	24
72	BN	CASSVILLE	WI	08/20/80	24
73	ATSF	AUGUSTA	KS	08/20/80	25
74	CNW	DES MOINES	IA	08/21/80	25
75	CR/ ATK	PHILADELPHIA	PA	08/25/80	25
76	BN	FERMOY	MN	08/26/80	26
77	SP/ ATK	GIBSON	CA	08/28/80	26
78	MEC	EAST ST JOHNSBURY	VT	08/28/80	26
79	MILW/ BN	ST. CROIX	MN	08/29/80	27

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
80	BN	WATERMAN	IL	09/01/80	27
81	NW/ LN	TACOMA	VA	09/03/80	27
82	SP	COOKS POINT	TX	09/04/80	28
83	NW	FARM	WV	09/06/80	28
84	BO	SUMNER	IL	09/08/80	28
85	CNW	AGNEW	IL	09/09/80	29
86	BO	ROWLESBURG	WV	09/17/80	29
87	ATK/ ATSF/ ICG	CHICAGO	IL	09/17/80	29
88	BO	HOWARD	PA	09/17/80	30
89	BN	SNOHOMISH JCT.	WA	09/20/80	30
90	CR	NEW YORK	NY	09/23/80	30
91	BN	MENDOTA	IL	09/25/80	31
92	CNW	MISSOURI VALLEY	IA	09/25/80	31
93	BO	SHELBY	OH	09/27/80	31
94	CR/ ATK	PAOLI	PA	09/28/80	32
95	NW	EXCELSIOR	WV	09/30/80	32
96	FEC	VERO BEACH	FL	10/01/80	32
97	CR	ROCKVILLE	OH	10/06/80	33
98	LN	CRESTVIEW	FL	10/07/80	33
99	LI	LYNBROOK	NY	10/07/80	33
100	ICG/ ATK	CRYSTAL SPRINGS	MS	10/12/80	34
101	ICG	LORENZO	IL	10/13/80	34
102	CR/ ATK	RENSSELAER	NY	10/14/80	34
103	UP	HERMOSA	WY	10/16/80	35
104	MP	ST. LOUIS	MO	10/17/80	35
105	AWP/ LN / SCL	TILFORD	GA	10/21/80	35
106	ATSF	HOLT	CA	10/23/80	36
107	CR	BUFFALO	NY	10/25/80	36
108	LN	UPTON	IN	10/25/80	36
109	CR	ARCOLA	IN	10/27/80	37
110	ICG/ ATK	KANSAS CITY JCT.	IL	10/30/80	37
111	SLSF	ST. JAMES	MO	11/01/80	37
112	ATSF	BENEDUM	TX	11/02/80	38
113	CR/ ATK	DOBBS FERRY	NY	11/07/80	38
114	MP	KILDARE	TX	11/11/80	38
115	UP	BLACK BUTTES	WY	11/12/80	39
116	TRRA/ BN	GRANITE CITY	IL	11/16/80	39

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
117	UP	KELSO	CA	11/17/80	39
118	ASAB/ LN	COTTONDALE	FL	11/21/80	40
119	CNW	WAUKEGAN	IL	11/24/80	40
120	ICG	KENNER	LA	11/25/80	40
121	GA	SOCIAL CIRCLE	GA	11/26/80	41
122	SCL	THRIFT	NC	11/29/80	41
123	BO	NEW MIAMI	OH	12/04/80	41
124	CR	SYRACUSE	NY	12/08/80	42
125	BM	MANCHESTER	NH	12/15/80	42
126	MP	ALIX	AR	12/16/80	42
127	WP	CLIVE	UT	12/28/80	43
128	SIRC	STATEN ISLAND	NY	12/29/80	43
129	NW	SINGER	VA	12/29/80	43
130	BN / SLSF	REPUBLIC	MO	12/30/80	44

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ATSF	01/04/80	8:49 AM	SHAFTER	CA	HEAD-END COLLISION	1	0	\$716
1	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3277	50 MPH
	EQUIPMENT DERAILED:		NONE		WORK TRAIN		TK CR	0 MPH
PROBABLE CAUSE: FAILURE OF THE CREW (EXTRA 3277 EAST) TO OPERATE THE TRAIN IN ACCORDANCE WITH RESTRICTIVE SIGNAL INDICATIONS.								
CONTRIBUTING FACTOR: CREW FAILED TO TAKE NECESSARY ACTION TO INSURE SAFETY OF THE TRAIN. HEAVY FOG IN ACCIDENT AREA.								
ATK BM	01/08/80	8:47 AM	BOSTON	MA	DERAILMENT	0	0	\$500
2	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		1					
	METHOD OF OPERATION:		INTERLOCKING		MOVEMENTS INVOLVED: PASSENGER TRAIN		306	8 MPH
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNIT(S)					
PROBABLE CAUSE: FALSE PROCEED SIGNAL INDICATION.								
CONTRIBUTING FACTOR: BACK-HOE DAMAGED SIGNAL CABLES. CIRCUITS CROSSED PERMITTING SWITCH TO BE OPERATED UNDER TRAIN.								
LN	01/11/80	12:35 PM	WORTHVILLE	KY	DERAILMENT	0	0	\$480,214
3	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6028	37 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNIT(S) 31 CAR(S)					
PROBABLE CAUSE: OVERTURNING OF OUTSIDE RAIL ON A 3-DEGREE, 29-MINUTE CURVE DUE TO EXCESSIVE LATERAL FORCE.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	01/13/80	06:03 AM	MILLFIELD	OH	DERAILMENT	0	0	\$81,678
4	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS MANUAL BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7951	29 MPH
	EQUIPMENT DERAILED:		18 CAR(S)					
PROBABLE CAUSE: RIGID TRUCKS ON COVERED HOPPER CAR (EL 20003) DID NOT NEGOTIATE THE 8-DEGREE, 13-MINUTE CURVE.								
CR	01/13/80	04:46 PM	LANGHORNE	PA	DERAILMENT	0	0	\$53,350
5	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK CAB SIGNAL		MOVEMENTS INVOLVED: FREIGHT TRAIN		ENCR3	42 MPH
	EQUIPMENT DERAILED:		11 CAR(S) 1 CABOOSE(S)					
PROBABLE CAUSE: COUPLER RETAINING PIN CAME OUT OF BOX CAR (MP 266748).								
BN	01/14/80	4:50 PM	RIDGEFIELD	WA	DERAILMENT	2	1	\$833,700
6	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6467	45 MPH
	EQUIPMENT DERAILED:		4 LOCOMOTIVE UNIT(S) 19 CAR(S)					
PROBABLE CAUSE: MUD SLIDE.								
CONTRIBUTING FACTOR: THERE WAS AN UNUSUAL AMOUNT OF PRECIPITATION IN THE AREA DURING THE WEEK PRIOR TO THE ACCIDENT.								







RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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MKT	02/05/80	2:15 AM	RAY	TX	REAR-END COLLISION	1	3	\$1,920,211
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13	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	YARD/SWITCHING				2 MPH
		YARD RULES		CUT OF CARS				55 MPH
	EQUIPMENT DERAILED:	61 CAR(S)						

PROBABLE CAUSE: FAILURE TO APPLY HAND BRAKES ON A CUT OF CARS LEFT ON A DESCENDING GRADE.

ICG	02/05/80	4:10 AM	HENNING	TN	REAR-END COLLISION	0	2	\$412,800
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14	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	X3070			0 MPH
		TIME TABLE		FREIGHT TRAIN	X9626			15 MPH
		TRAIN ORDERS						
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNIT(S)						
		11 CAR(S)						
		1 CABOOSE(S)						

PROBABLE CAUSE: FAILURE OF THE FOLLOWING CREW (EXTRA 9626-SOUTH) TO CONTROL TRAIN SPEED IN ACCORDANCE WITH SIGNAL INDICATIONS AND VISIBILITY CONDITIONS.

TPW	02/06/80	8:20 AM	EAST PEORIA	IL	REAR-END COLLISION	0	3	\$40,000
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15	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3						
	METHOD OF OPERATION:	TIME TABLE	MOVEMENTS INVOLVED:	LIGHT LOCO(S)	202			15 MPH
		TRAIN ORDERS		FREIGHT TRAIN	25			35 MPH
	EQUIPMENT DERAILED:	1 LOCOMOTIVE UNIT(S)						

PROBABLE CAUSE: FAILURE OF CREW (NO. 202) TO PROVIDE PROPER FLAG PROTECTION FOR ITS MOVEMENT WHILE OPERATING AT LESS THAN HALF THE MAXIMUM AUTHORIZED SPEED.





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
SP	02/11/80	1:20 AM	LODI	CA	SIDE COLLISION	0	4	\$236,100

22	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	5						
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN		X9388	15 MPH
					FREIGHT TRAIN		X9143	15 MPH
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNIT(S)						
		27 CAR(S)						

PROBABLE CAUSE: FAILURE OF CREW (EXTRA 9143 EAST) TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

BO	02/12/80	05:54 AM	ORLEANS ROAD	WV	HEAD-END COLLISION	1	7	\$1,579,550
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23	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN		X6474	24 MPH
					FREIGHT TRAIN		X4367	30 MPH
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNIT(S)						
		19 CAR(S)						

PROBABLE CAUSE: FAILURE OF CREW (EXTRA 6474 EAST) TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

MP	02/13/80	2:45 AM	MOMENCE	IL	DERAILMENT	0	2	\$471,500
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24	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	INTERLOCKING			MOVEMENTS INVOLVED: FREIGHT TRAIN		CLY12	50 MPH
		AUTOMATIC BLOCK			FREIGHT TRAIN		JCZ12	30 MPH
	EQUIPMENT DERAILED:	2 LOCOMOTIVE UNIT(S)						
		24 CAR(S)						

PROBABLE CAUSE: BROKEN TRUCK SIDE FRAME ON BOX CAR (CEI 118938).



RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ICG	02/13/80	3:45 AM	SLEDGE	MS	DERAILMENT	0	0	\$398,000
25	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3244	35 MPH
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		17 CAR(S)					
PROBABLE CAUSE: BOLT HOLE CRACKS IN THE 115-POUND RAIL CAUSED RAIL FAILURE IN THE JOINT AREA.								
BN	02/16/80	03:30 AM	ANGORA	NE	BROKEN TRAIN COLLISION	2	3	\$1,530,000
26	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: LIGHT LOCO(S)		X2048	46 MPH
			TRAIN ORDERS		CUT OF CARS	0 MPH		
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNIT(S)					
			11 CAR(S)					
PROBABLE CAUSE: FAILURE OF CREW (EXTRA 2048 EAST) TO CONTROL THE SPEED OF THE LOCOMOTIVE UNITS ON A DESCENDING GRADE.								
CV	02/22/80	11:15 AM	GIBBS	CT	HEAD-END COLLISION	0	3	\$54,500
27	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3609	23 MPH
			TRAIN ORDERS		SINGLE CAR		TC-69	15 MPH
	EQUIPMENT DERAILED:		1 CAR(S)					
PROBABLE CAUSE: FAILURE OF THE CREW TO PROVIDE PROPER PROTECTION FOR THE OPERATION OF THE HIGHWAY-RAIL VEHICLE.								

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR BO	02/26/80	8:43 PM	OUTVILLE	OH	DERAILMENT	0	0	\$211,350
28	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		5					
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN			SLEN6	48 MPH
	EQUIPMENT DERAILED:		11 CAR(S)					
PROBABLE CAUSE: MISSING DRAFT KEY RETAINER ALLOWED THE DRAFT KEY AND COUPLER TO PULL OUT OF THE "A" END OF A COVERED HOPPER CAR (PC 888661).								
CNW	03/13/80	9:16 AM	WAUKEGAN	IL	SIDE COLLISION	0	1	\$81,400
29	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: PASSENGER TRAIN			332	10 MPH
	EQUIPMENT DERAILED:		2 CAR(S)	FREIGHT TRAIN			X4313	3 MPH
PROBABLE CAUSE: FAILURE OF CREW (EXTRA 4313) TO WAIT FIVE MINUTES BEFORE ITS TRAIN ENTERED OR FOULED A MAIN TRACK AFTER OPERATING THE SWITCHES TO ESTABLISH BLOCK SIGNAL PROTECTION.								
BN ATK	03/14/80	4:05 PM	GLACIER PARK	MT	DERAILMENT	0	123	\$558,000
30	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN			7	37 MPH
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNIT(S) 8 CAR(S)					
PROBABLE CAUSE: A COMBINATION OF DEFECTS ON THE LEAD TRUCK OF THE FIRST CAR (ATK 1225) PREVENTED THE CAR FROM NEGOTIATING THE CURVE.								







RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	04/10/80	3:28 AM	BALTIMORE	MD	DERAILMENT	0	0	\$35,100
40	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		2					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		PYSE9	15 MPH
	EQUIPMENT DERAILED:		6 CAR(S)					
PROBABLE CAUSE: EXCESSIVE BUFFING ACTION CAUSED THE WHEELS OF THE EIGHTH CAR (LTTX 501304) TO LIFT AND DERAIL.								
CONTRIBUTING FACTOR: POSITIONING OF LOADS ON REAR OF TRAIN AND HEAVY USE OF DYNAMIC BRAKING.								
AGS	04/13/80	2:20 PM	PICAYUNE	MS	DERAILMENT	0	0	\$516,350
41	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		3					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		168	42 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNIT(S)					
			30 CAR(S)					
PROBABLE CAUSE: HEAVY RAIN IN THE ACCIDENT AREA SATURATED A SAND FILL ALONG THE NORTH AND SOUTH APPROACHES TO THE MILL CREEK TRESTLE. THE SATURATION CAUSED THE SAND-BASE FILL TO ERODE AND PORTIONS OF THE EMBANKMENT TO SLIDE OR FALL AWAY.								
GA	04/19/80	8:05 PM	BUCKHEAD	GA	DERAILMENT	0	0	\$320,110
42	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		1/278	25 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		21 CAR(S)					
PROBABLE CAUSE: VARIATIONS IN CROSS-LEVEL ON THE 3-DEGREE CURVE, WHICH EXCEEDED THE MINIMUM LIMITS FOR CLASS 2 TRACK, CAUSED TANK CAR (UTLX 83827) AND 20 OTHER CARS TO DERAIL.								







RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BO	06/04/80	6:00 AM	RIDGWAY	PA	DERAILMENT	0	0	\$23,400
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	3				
49			METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		BR-96	30 MPH
			EQUIPMENT DERAILED:	TRAFFIC CONTROL 10 CAR(S)				
PROBABLE CAUSE: BROKEN JOURNAL ON COVERED HOPPER CAR (BN 436141).								
ATK CR	06/05/80	8:17 PM	BALTIMORE	MD	DERAILMENT	0	0	\$94,550
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	1				
50			METHOD OF OPERATION:	CAB SIGNAL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X7831	15 MPH
			EQUIPMENT DERAILED:	AUTOMATIC BLOCK 11 CAR(S)				
PROBABLE CAUSE: IMPROPER TRAIN HANDLING DUE TO USE OF HEAVY DYNAMIC BRAKING.								
LA	06/06/80	2:20 AM	GARLAND	TX	DERAILMENT	0	3	\$83,377
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	2				
51			METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED: FREIGHT TRAIN		X4008	16 MPH
			EQUIPMENT DERAILED:	TIME TABLE TRAIN ORDERS 10 CAR(S)				
PROBABLE CAUSE: TANK CAR WAS OFF-CENTER (WRNX 30241).								









RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ICG	07/08/80	6:55 PM	MAXON	KY	DERAILMENT	0	0	\$274,700
61	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN	X6015	42 MPH	
	EQUIPMENT DERAILED:		19 CAR(S)					
PROBABLE CAUSE: RAIL BUCKLED DUE TO THERMAL COMPRESSIVE FORCES.								
CONTRIBUTING FACTOR: THE CARRIER FAILED TO ADJUST THE 136-POUND CONTINUOUS WELDED RAIL TO 70 DEGREES FAHRENHEIT WHEN THE RAIL CROSSING WAS INSTALLED.								
ATK	07/09/80	06:36 PM	LINDEN	NJ	RAKING COLLISION	1	18	\$30,000
62	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		6					
	METHOD OF OPERATION:		CAB SIGNAL		MOVEMENTS INVOLVED: PASSENGER TRAIN	225	50 MPH	
			AUTOMATIC BLOCK		WORK TRAIN	X4934	35 MPH	
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: A PIECE OF BUFFER RAIL WAS PROTRUDING FROM A CAR ON THE WORK TRAIN (EXTRA 4934).								
BN	07/10/80	04:25 PM	HASTINGS	IA	DERAILMENT	0	0	\$690,000
63	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN	163	58 MPH	
	EQUIPMENT DERAILED:		30 CAR(S)					
PROBABLE CAUSE: BROKEN CENTER SILL ON FLAT CAR (GTTX 301174).								





RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CR	07/31/80	9:42 PM	CROTON HARMON	NY	REAR-END COLLISION	0	32	\$700
70			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 1 INTERLOCKING AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: PASSENGER TRAIN PASSENGER TRAIN		783 785	0 MPH 5 MPH
			EQUIPMENT DERAILED:	NONE				
			PROBABLE CAUSE: FAILURE OF CREW (NO. 785) TO OPERATE THE TRAIN IN COMPLIANCE WITH SIGNAL INDICATION.					
BO	08/19/80	2:57 PM	HAYDEN	IN	DERAILMENT	0	0	\$277,200
71			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3816	55 MPH
			EQUIPMENT DERAILED:	23 CAR(S)				
			PROBABLE CAUSE: INTERACTION OF LATERAL/VERTICAL FORCES TIPPED THE SOUTH RAIL OUTWARD, ALLOWING THE 6TH THROUGH THE 28TH CARS TO DERAIL.					
			CONTRIBUTING FACTOR: THE FIRST CAR TO DERAIL HAD SIDE BEARING CLEARANCE WHICH SLIGHTLY EXCEEDED FEDERAL FREIGHT CAR SAFETY STANDARDS. THE TRACK STRUCTURE HAD BEEN DISTURBED BY INSTALLATION OF FIVE NEW CROSSTIES IN THE ACCIDENT AREA.					
BN	08/20/80	7:59 AM	CASSVILLE	WI	DERAILMENT	0	0	\$602,041
72			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED: FREIGHT TRAIN		197	58 MPH
			EQUIPMENT DERAILED:	46 CAR(S)				
			PROBABLE CAUSE: BURNED OFF ROLLER BEARING JOURNAL AT L-1 LOCATION ON FLAT CAR (ETTX 850511).					
			CONTRIBUTING FACTOR: THE CREW USED AN INCORRECT TOTAL FOR THE NUMBER OF CARS IN THE TRAIN WHILE ATTEMPTING TO MATHEMATICALLY LOCATE THE HOT BEARING INDICATION.					





















RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
ICG ATK	10/12/80	7:20 PM	CRYSTAL SPRINGS	MS	DERAILMENT	0	41	\$450,000
100			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 8 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN		58	75 MPH
PROBABLE CAUSE: JOINT BARS WITH TRANSVERSE FATIGUE CRACKS BROKE UNDER THE TRAIN.								
ICG	10/13/80	8:50 AM	LORENZO	IL	RAIL-HWY CROSSING	1	1	\$92,600
101			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS 1 CAR(S)	MOVEMENTS INVOLVED: PASSENGER TRAIN		300	79 MPH
PROBABLE CAUSE: MOTORIST FAILED TO COMPLY WITH THE WARNING OF CROSSING PROTECTION DEVICES AND DROVE THE VEHICLE THROUGH A LOWERED CROSSING GATE INTO THE SIDE OF THE TRAIN.								
CR ATK	10/14/80	09:25 AM	RENSSELAER	NY	HEAD-END COLLISION	0	1	\$150,000
102			TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 5 TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED: PASSENGER TRAIN WORK TRAIN		62 1282	45 MPH 5 MPH
PROBABLE CAUSE: THE BALLAST REGULATOR PASSED A STOP SIGNAL WITHOUT PERMISSION.								
CONTRIBUTING FACTOR: FAILURE TO ISSUE PROPER INSTRUCTIONS TO THE MAINTENANCE-OF-WAY CREW. LACK OF COMMUNICATION BETWEEN MAINTENANCE-OF-WAY CREW AND THE CREW OF THE BALLAST REGULATOR.								



















RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
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WP	12/28/80	03:05 PM	CLIVE	UT	DERAILMENT	0	0	\$634,000
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127								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
			METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3546	60 MPH
			EQUIPMENT DERAILED:	53 CAR(S)				

PROBABLE CAUSE: EXCESSIVE SPEED.

CONTRIBUTING FACTOR: ALTHOUGH THE SPOOL AND SPEED TAPE WERE MISSING FROM THE LOCOMOTIVE AFTER THE DERAILED, THE CARRIER CALCULATED THAT THE TRAIN WAS OPERATED ABOUT 15 MPH OVER THE SPEED RESTRICTION.

SIRC	12/29/80	8:03 AM	STATEN ISLAND	NY	OBSTRUCTION	0	57	\$6,049
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128								
			TYPE OF TRACK:	YARD				
			CLASS OF TRACK:	1				
			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED: PASSENGER TRAIN		619	4 MPH
				AUTOMATIC BLOCK				
			EQUIPMENT DERAILED:	NONE				

PROBABLE CAUSE: FAILURE OF CREW TO PROPERLY CONTROL THE TRAIN'S MOVEMENT INTO THE ASSIGNED TRACK AT THE PASSENGER TERMINAL.

NW	12/29/80	8:50 AM	SINGER	VA	HEAD-END COLLISION	0	5	\$915,993
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129								
			TYPE OF TRACK:	MAIN				
			CLASS OF TRACK:	4				
			METHOD OF OPERATION:	INTERLOCKING	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8072	22 MPH
				TRAFFIC CONTROL	FREIGHT TRAIN		X645	37 MPH
				TIME TABLE				
			EQUIPMENT DERAILED:	9 LOCOMOTIVE UNIT(S)				
				27 CAR(S)				

PROBABLE CAUSE: FAILURE OF CREW (EXTRA 8072 WEST) TO CONTROL TRAIN SPEED IN ACCORDANCE WITH SIGNAL INDICATIONS.

RR CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
BN SLSF	12/30/80	11:40 AM	REPUBLIC	MO	DERAILMENT	0	0	\$5,500
130	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4					
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		EX730	15 MPH
			TIME TABLE					
			TRAIN ORDERS					
	EQUIPMENT DERAILED:		4 LOCOMOTIVE UNIT(S)					
			1 CAR(S)					

PROBABLE CAUSE: FAILURE OF TRAIN DISPATCHER TO PROTECT MAINTENANCE-OF-WAY CREW.

CONTRIBUTING FACTOR: FAILURE TO USE SIGNAL BLOCKING DEVICE FOR PROTECTION OF TRACK WORK. FALSE PROCEED SIGNAL WAS DISPLAYED FOR EXTRA 730 EVEN THOUGH A SECTION OF RAIL WAS REMOVED.



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