

2010 – 2030

Water Resource Plan

Appendix D

Draft October 2009

**Appendix D:
Truckee River Risk Analysis**

**A REASSESSMENT OF THE RISK OF TRANSPORTING HAZARDOUS
SUBSTANCES ADJACENT TO THE TRUCKEE RIVER**

A report submitted to

Truckee Meadows Water Authority

June, 2007

By

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1. Introduction

This current study revisits the analysis of risk and conclusions therefrom in a 1997 assessment of risk to the Truckee River from contamination by a hazardous substance released into the river from a transportation accident. In 1997, the data on which the risk assessment was based were scarce, unavailable, or nonexistent. Now, given the continual evolution of the resources available on the World Wide Web, data on which the current, updated risk assessment is based are comprehensive and readily available in the public domain on the web.

Rail accident data are complete, comprehensive, and available through the Federal Railroad Administration's web site: <http://safetydata.fra.dot.gov/OfficeofSafety/>. Once there, highlighting and clicking item 3.07 brings up a window that enables a detailed search for rail accidents for any portion of the United States. For example, a search for all rail accidents for Washoe County, Nevada, for the entire year, 2006, in which cars carrying hazardous materials were involved yielded the following report:

Selections: Railroad - All
State - NEVADA County - WASHOE
All Regions
All Causes / All Accident Types / All Track Types
Hazmat Options -
Passenger Trains Only - No
Damage Amounts - All
Report Sort Sequence - Date
Date Selected - Jan through Dec, 2006

ALL REPORTS FOR ALL RAILROADS ARE SHOWN. PRIMARY CAUSE OF ACCIDENT DEFINED BY FIRST POSITION OF CAUSE, T = TRACK, H = HUMAN FACTOR, E = EQUIPMENT, S = SIGNAL, M = MISCELLANEOUS

[Click here for Kld/Inj \(Form 6180.55a\) definitions](#)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|---------------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|----------------------|------------------------|-------------------------|-------------------|-------------------|--------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 1206RS012 | 55A | 12 | 12 | NV | WASHOE | Yard | UP | Der | H524 | H511 | 31,439 | 126,810 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |

In particular, this record includes a hyperlink to the actual report, shown by report number. Clicking on the hyperlink brings up the following pdf file:

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

RAIL EQUIPMENT ACCIDENT/INCIDENT REPORT

OMB Approval No: 2130-0500

| | | | | | |
|--|--|---|--|---|--|
| 1. Name of Reporting Railroad Union Pacific RR Co. [UP] | | 1a. Alphabetic Code UP | | 1b. Railroad Accident/Incident No. 1206RS012 | |
| 2. Name of other Railroad Involved in Train Accident/Incident | | 2a. Alphabetic Code | | 2b. Railroad Accident/Incident No. | |
| 3. Name of Railroad Responsible for Track Maintenance (single entry) Union Pacific RR Co. [UP] | | 3a. Alphabetic Code UP | | 3b. Railroad Accident/Incident No. 1206RS012 | |
| 4. U.S. DOT Grade Crossing Identification Number | | 5. Date of Accident/Incident month: 1 2 year: 2006 | | 6. Time of Accident/Incident 10:30 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> | |
| 7. Type of Accident/Incident (single entry in code box) | | 7. Derailment | | 7. Other (describe in narrative) Code 01 | |
| 8. Cars Carrying HAZMAT | | 9. HAZMAT Cars Damaged/Derailed | | 10. Explosive-detonation | |
| 13. Nearest City/Town SPARKS | | 14. Milepost nearest (to south) 243.1 | | 15. State Abbr. Code NV 32 | |
| 17. Temperature (F) (specify if/min) 36 ° F | | 18. Visibility (single entry) Code 4 | | 19. Weather (single entry) Code 1 | |
| 21. Track Name/Number YARD | | 22. FRA Track Class (1-9, X) Code 1 | | 23. Annual Track Density (gross ton miles) Code 1 | |
| 25. Type of Equipment Consist (single entry) | | 26. Was Equipment Attended? Code Y | | 27. Train Number/Symbol MOROR | |
| 28. Speed (recorded speed if available) Code 005 MPH E | | 30. Method(s) of Operation (enter codes that apply) | | 30a. Remotely Controlled Locomotive? Code 0 | |
| 29. Trailing Tons (gross tonnage, excluding power units) Code 6,000 | | 31. Principal Car/Unit (1) First involved (derailed, struck, etc.) MP266755 | | 32. If any railroad employee(s) tested for drug/alcohol use, enter the number that were positive in the appropriate box. Alcohol: 00 Drugs: 00 | |
| 34. Locomotive Units | | 35. Cars | | 33. Was this consist transporting passengers? (y/n) No | |
| 36. Equipment Damage This Consist \$ 31,439 | | 37. Track, Signal, Way, & Structure Damage \$ 126,810 | | 38. Primary Cause Code H524 | |
| 40. Engineers/Operators 1 | | 41. Firemen | | 42. Conductors 1 | |
| 43. Brakemen | | 44. Engineer/Operator Hrs: 07 Misc: | | 45. Conductor Hrs: 07 Misc: | |
| 46. Railroad Employees | | 47. Train Passengers | | 48. Others | |
| 49. Special Study Block | | 50. Latitude (optional) 0 | | 51. Longitude (optional) 0 | |
| 52. Narrative Description (be specific, and continue on separate sheet if necessary) MORORVB-11 SHOVED INTO THE YARD AND TWO CARS DERAILED. WHILE SHOVING BOTH CARS BUCKLED SEVERING THE MAIN LINES AND CAME TO REST IN A TRIANGLE. CARS MP266755 AND ACFX73817 WERE DESTROYED. | | | | | |
| 53. Typed/Printed Name & Title of Preparer | | 54. Signature | | 55. Date | |
| NOTE: This report is part of the reporting railroad's accident report pursuant to the accident reports status and, as such shall not be admitted as evidence or used for any purpose in any suit or action for damages growing out of any matter mentioned in said report... 49 U.S.C. 20903. See 49 C.F.R. 225.7 (h). | | | | | |

FORM FRA F 6180.54

This Acrobat file is the official report file with the Federal Railroad Administration and provides a detailed summary of precisely what occurred during the accident. In 1997,

access to rail accident was difficult because they were not available on the web. Moreover, whether hazmat was involved in any accident or not was determined indirectly by using the product of probability of accident and probability of hazmat. The 1997 estimates were accordingly crude, whereas the 2007 data base explicitly documents the nature of hazmat involvement in any rail accident.

Highway accident data are yet to be as easily accessible as are rail accident data. There exists a comprehensive data base for hazardous materials *incidents*. A comprehensive search engine for these incident data is found at the following web site:

http://www.transtats.bts.gov/DL_SelectFields.asp?Table_ID=508&DB_Short_Name=HMIRS

This web site is maintained by the Federal agency, Bureau of Transportation Statistics, a division of the United States Department of Transportation. A hazardous materials incident is defined by USDOT as the leakage (release from) of a hazardous substance from a container. An incident does not necessarily involve an accident. An incident can, and often does, occur during loading/unloading of containers. Nevertheless, an accident during transport of hazmat that is so severe as to cause a leakage of hazmat from a container certainly constitutes an incident that would be documented in the incident data base.

Availability of hazmat incident reports is limited in timeframe. Reports are available for all fifty United States, but only within the time period, 1995 through 2002. Nevertheless, these eight years of data are sufficient for risk characterization necessary to the present study to reassess risk of hazmat contamination to the Truckee River.

Hazardous materials incident data are available for all modes of transportation. Because highway is one mode of transportation included in this data base, the frequency of highway accidents that result in a leakage of hazmat can be easily determined. Although this determination is less direct in comparison to what is possible using the rail safety data provided by the Federal Railroad Administration, it is no less accurate.

2. Data Summaries

Summaries for Washoe County, Nevada and California counties, Nevada, Placer, and Sierra, are presented in the following tables, discussions of which follow.

Table 1. Hazardous materials incidents, 1995-2002, California counties.

| | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|----------------------|------|------|------|------|------|------|------|------|
| Incidents | 8 | 3 | 7 | 7 | 5 | 11 | 10 | 4 |
| Environmental Damage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

1. data represent all modes of transportation
2. California counties: Nevada, Placer, and Sierra
3. 1995-2002 is the total time range of the existing data base

Table 4b. Rail accident data, 1990-2006, Washoe County, Nevada.

| | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 |
|--------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Accidents (total) | 1 | 0 | 6 | 1 | 3 | 0 | 0 | 1 | 1 | 1 | 0 | 2 | 0 | 4 | 1 | 1 | 6 |
| Accidents, hazmat involved | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Accidents, hazmat cars damaged | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Accidents, hazmat released | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| People evac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes: Tables 3 and 4 are summaries of the data presented in Appendix 1.

Table 5. Summary table for California and Nevada, including hypothesis testing comparing the time period, 1975-1989, to the time period, 1990-2006. Null hypothesis: H_0 : $\text{Mean}_{75-89} = \text{Mean}_{90-06}$ and the alternative hypothesis, H_a , holds that the two means are not equal should the null hypothesis be rejected.

| | CA, total | NV, total | CA, haz1 | NV, haz1 | CA, haz2 | NV, haz2 | CA, haz3 | NV, haz3 | CA, haz4 | NV, haz4 |
|-----------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1975 | 19 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1976 | 21 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1977 | 23 | 8 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 29 | 12 | 3 | 1 | 2 | 0 | 1 | 0 | 0 | 0 |
| 1979 | 26 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1980 | 30 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 1981 | 19 | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 1982 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1983 | 32 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1984 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1985 | 13 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1986 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1987 | 7 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 1988 | 6 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1989 | 7 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1990 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1991 | 10 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| 1992 | 2 | 6 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1993 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1994 | 14 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1995 | 15 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1996 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1997 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1998 | 8 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1999 | 5 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 2000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2001 | 11 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2002 | 12 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2003 | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2004 | 9 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2005 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2006 | 8 | 6 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Total | 401 | 85 | 41 | 10 | 20 | 3 | 2 | 0 | 1 | 0 |
| Mean, 1975-2006 | 12.53125 | 2.65625 | 1.28125 | 0.3125 | 0.625 | 0.09375 | 0.0625 | 0 | 0.03125 | 0 |
| Mean, 1975-1990 | 16.25 | 3.625 | 1.0625 | 0.25 | 0.625 | 0.125 | 0.125 | 0 | 0.0625 | 0 |

| | | | | | | | | | | |
|-------------------------|----------|----------|-----------|-----------|----------|----------|----------|------|----------|------|
| Mean, 1991-2006 | 8.8125 | 1.6875 | 1.5 | 0.375 | 0.625 | 0.0625 | 0 | 0 | 0 | 0 |
| Variance, 1975-2006 | 71.16028 | 8.555443 | 1.628024 | 0.286290 | 0.629032 | 0.087701 | 0.060483 | 0 | 0.03125 | 0 |
| Variance, 1975-1990 | 97.53333 | 11.58333 | 1.6625 | 0.2 | 0.516666 | 0.116666 | 0.116666 | 0 | 0.0625 | 0 |
| Variance, 1991-2006 | 20.02916 | 4.095833 | 1.6 | 0.383333 | 0.783333 | 0.0625 | 0 | 0 | 0 | 0 |
| t, statistic | 0.970090 | 0.252712 | -0.057064 | -0.016304 | 0 | 0.008152 | 0.016304 | 0 | 0.008152 | 0 |
| Table t | 2.05 | 2.05 | 2.05 | 2.05 | 2.05 | 2.05 | 2.05 | 2.05 | 2.05 | 2.05 |
| Reject null hypothesis | No | No | No | No | No | No | No | No | No | No |
| haz1: cars carrying haz | | | | | | | | | | |
| haz2: cars damaged | | | | | | | | | | |
| haz3: haz released | | | | | | | | | | |
| haz4: people evac | | | | | | | | | | |

Table 6. Frequency of rail accidents, hazmat involved in the accident, cars carrying hazmat being damaged, hazmat being released, and people evacuated because of a hazmat release for any given year.

| | Annual frequency, rail accidents | Annual frequency, hazmat involved in an accident (haz1) | Annual frequency, hazmat cars damaged in an accident (haz2) | Annual frequency, hazmat released during an accident (haz3) | Annual frequency, people evacuated due to hazmat released (haz4) |
|------------|----------------------------------|---|---|---|--|
| California | 12.53 | 1.28 | 0.63 | 0.06 | 0.03 (**) |
| Nevada | 2.65 | 0.31 | 0.09 | * | * |

*Has not occurred in the time frame, 1975-2006, so frequency is not yet defined or known.

**1 incident, 1975-2006, Newcastle, California, 1988, Sacramento River watershed.

2.1. Discussion.

Table 5 is significant because it shows that there is no statistically significant difference in the average rail accident rate for the time interval, 1975-1990, and the time interval, 1991-2006. This outcome suggests that accident rates quoted in this report can, with confidence, be taken as representative of future accident rates. This discovery, moreover, indicates that accidents tend to be random outcomes, and consequently constant over time, and are not influenced by any systemic factors, such as variability in operation procedures resulting from human decision processes. Rail accidents are modeled well as random variables in time.

Other conclusions from the foregoing tables (as well as Appendices 1 and 2) are:

- **No accident on highway (as inferred from the incident data, Tables 1 and 2), or on rail has resulted in a release of hazardous materials within the Truckee River watershed in the time period, 1975-2006;** two (2) accidents resulted in release of hazardous materials in Placer County, California, within the time frame of this study, 1975-2006, one of which was severe and forced the evacuation of citizens from Newcastle, California in 1988; both Placer County incidents occurred within the Sacramento River watershed. Note that Appendix 2 presents the summaries of hazmat incidents reported for Washoe County, and

California counties, Nevada, Sierra, and Placer, for the time period, 1995-2002.

- Rail accidents occurring in California are potentially more severe than are those occurring in Nevada with more hazmat substances likely to be involved and cars carrying hazmat substances likely to be damaged severely enough to cause a release of hazardous materials; however, no rail accident in California has resulted in a release of a hazmat substance *within the Truckee River watershed* over the time period of this study.
- Table 5 mean values for the entire time period, 1975-2006, suggest that the frequency of rail cars carrying hazardous materials is about 10%. This value is that which was used in the first risk assessment study that was conducted in 1997. But, when looking at the mean values for the period, 1991-2006, this frequency appears to be closer to 20%, double the value used in the original 1997 risk assessment. This frequency is inferred from the notion that $F(\text{total Accident}) \times F(\text{hazmat}) = F(\text{hazmat is involved in an accident})$. In the total time period, 1975-2006, $F(\text{total accidents, CA})$ is 12.53 and $F(\text{total accidents, NV})$ is 2.66. $F(\text{hazmat involved in accident, CA})$ is 1.28 and $F(\text{hazmat involved in accident, NV})$ is 0.31. Dividing $F(\text{hazmat involved in accident})$ by $F(\text{total accident})$ for each state yields $F(\text{hazmat, CA}) = 1.28/12.53 = 0.10$ (10%) and $F(\text{hazmat, NV}) = 0.31/2.66 = 0.12$ (12%). For the time period, 1991-2006, these values are $F(\text{hazmat, CA}) = 1.5/8.81 = 0.17$ (17%) and $F(\text{hazmat, NV}) = 0.375/1.69 = 0.22$ (22%). For the time period, 1975-1990, these frequency values are 6.5%, CA, and 6.9%, NV.
- *The frequency of hazmat transport by rail is significantly greater in the interval of time since 1991, yet there is no statistically significant difference in the frequency of accidents involving hazmat, accidents severe enough to cause damage to cars carrying hazmat, and accidents causing a release of hazmat between the two intervals of time, 1975-1990, and 1991-2006.*

3. A summary of risk based on accident and incident statistics.

In the present study, actual transportation statistics are used to test the probability based risk calculations that were developed in the 1997 study. Due principally to the lack of accessible transportation data, the 1997 study relied heavily on conceptual calculations of risk. These calculations yielded conditional probabilities that were the products of two or more probabilities of individual events. For example, the 1997 study presented risk values that were thought to provide an estimate of maximum risk as:

$$P(\text{hazmat} | \text{accident}) = P(\text{accident}) \times P(\text{hazmat})$$

Then, progressively more realistic calculations were presented by adding additional probability components, such as:

$$P(\text{release} | \text{hazmat} | \text{accident}) = P(\text{accident severity}) \times P(\text{accident}) \times P(\text{hazmat})$$

Further, components such as geographic location were added to these calculations.

All risk calculations presented in the 1997 study were conceptual. No data were available to test these calculations. The approach used in the present study is to use actual data, now readily available and comprehensive, to evaluate the risk assessment presented in the 1997 study. Table 7 summarizes the comparison.

Table 7. A comparison of risk calculations, 1997, versus actual data, 2007.

| Risk Factor | 1997-Calif | 1997-Nev | 2007-Calif | 2007-NV |
|---|-------------------------|-------------------------------------|---|--|
| P(accident), Rail | 3.9/year | 0.9/year | 12.53/year | 2.66/year |
| P(accident), highway | 1.14/day, I80 | 1.14/day, I80 0.42/day, US395 | 27.6/day (entire state) | 1.65/day (entire state) |
| P(HazMat), Rail | 10% (0.1) | 10% (0.1) | 20% (0.20) | 20% (0.20) |
| P(HazMat), highway | 0.0056, I80 | 0.0056, I80 0.001, US395 | 1.6% (0.016) | 1.6% (0.016) |
| P(Hazmat Accident) Rail, computed | 0.38/year | 0.29/year | 2.51/year | 0.53/year |
| P(Hazmat Accident) Rail, Actual (haz1) | No data | No data | 1.28/year | 0.31/year |
| P(Hazmat Accident) Highway, computed | 0.0064/day, I80 | 0.0064/day, I80 0.00042/day, 395 | 0.44/day (161/year) | 0.026/day (9.5/year) |
| P(Hazmat Accident) Highway, Actual | No data | No data | 0.36/day (131/year) Entire state | 0.031/day (11.3/year) Entire state |
| P(damage Haz acc) Rail, Actual Damage includes derailment, but does not include spillage | Not computed No data | Not computed No data | No event in TR watershed, 1975-2006; 0.16/yr Placer Co., Sacramento R water shed, not in yard | 2 events in Washoe County 1975-2006, both in Sparks rail yard. |
| P(spill Haz acc) Rail, Computed | 0.0125/year | 0.0065/year | <0.035/year | <0.0035/year |
| P(spill Haz acc) Rail, Actual | No data | No data | 2 events, 1975-2006; Sacramento River Watershed | No event, 1975-2006 P is undefined (small) |
| P(spill Haz acc) Highway, Computed | 0.71/year | 0.35/year | <0.11 Inferred from actual | <0.11 Inferred from actual |
| P(spill Haz acc) Highway, Actual | No data | No data | No event, 1995-2002; P is undefined (small) | No event, 1995-2002 P is undefined (small) |
| P(TR spill Haz acc), Rail, Actual | No data | No data | No event, 1975-2006; P is undefined (small) | No event, 1975-2006; P is |

| | | | | |
|---|---------|---------|--|--|
| Note: TR=Truckee R. Watershed | | | | undefined (small) |
| P(TR spill Haz acc), Highway, Actual Note: TR=Truckee R. Watershed | No data | No data | No event, 1995 – 2002; P is undefined (small); Placer, NV, Sierra Counties | No event, 1995 – 2002; P is undefined (small) Washoe Co. |

Notes: P(incident), rail comes from FRA web site:

<http://safetydata.fra.dot.gov/OfficeofSafety/Query/default.asp?page=incabbr.asp>

P(incident), highway is from Bureau of Transportation Statistics web site: <http://www.transtats.bts.gov/>

P(HazMat), rail and highway, for 2007 is back calculated as: $P(\text{haz} | \text{acc}) / P(\text{incident})$

$P(\text{haz} | \text{acc})$, rail excludes accidents within rail yards

$P(\text{spill} | \text{Haz} | \text{acc})$, computed = $P(\text{spill}) \times P(\text{haz} | \text{acc})$; $P(\text{spill})$, rail, 2007, CA&NV = $[P(\text{spill} | \text{Haz} | \text{acc})$, rail, actual, CA] which is equal to 1 event in 31 years (0.032); $P(\text{Spill})$, highway = 0.125/year

No accident on rail has resulted in a Hazmat spill within the Truckee River watershed, 1975-2006

No accident on the highway has resulted in a Hazmat spill within the Truckee R. watershed, 1995-2002.

3.1. Discussion.

Key findings are:

- For California, $P(\text{hazmat} | \text{accident})$, for rail transport of hazmat, is 3 to 4 times higher in actuality than what was computed in the 1997 study (1.28 events per year compared to 0.38 events per year). For Washoe County, Nevada, the two values, computed and actual, are more similar, 0.29/year and 0.31/year respectively. If rail accidents within the Sparks rail yard are discounted, then the rate for Washoe County drops by half to 0.16/year.
- If Placer County rail accident data are discounted, then the actual $P(\text{hazmat} | \text{accident})$ risk changes from 1.28 events per year to 1 event in 32 years that happened in 1977 near Norden, California west of Donner Lake (see Appendix 1 for the individual counties). Given that Placer County includes only a small portion of the rail line within the Truckee River watershed, likewise Sierra County includes only a small portion of the rail line near the Truckee River, then a rail accident severe enough to release hazmat into the river is most likely to occur in Nevada County. The rate of 1 accident in 32 years (0.03 per year) is more realistic for the California risk. **Accordingly, risk of hazmat contamination to the Truckee River originating from a rail accident might be considered negligible.** This statement is underscored by the fact that no accident on rail has caused a hazmat incident within the Truckee River watershed since 1975.
- Highway data remain difficult to obtain for anything more detailed than a summary by state. This was also a limitation of the 1997 study. But, given the very detailed HMIRS data base, **hazmat incidents** are accessible for individual counties for each state. A hazmat incident is a spill of a hazardous material, any spill regardless of cause. Because incidents include a release of hazardous material during an accident, the HMIRS

data base is valuable for inferring P(spill|hazmat|accident) for any mode of transportation. The values reported in Table 7 for highway are inferences based on the HMIRS data base.

- Based on the HMIRS data base, P(spill|hazmat|accident) for highway is no greater than 0.11 per year, given the fact that no hazmat incident is associated with a highway accident within the Truckee River watershed in the time period, 1995-2002. Note that the HMIRS database, whereas comprehensive for individual counties, only comprises data within the timeframe, 1995-2002.

4. Geographic context of risk.

It is noted in section 3.1 that the Truckee River is most vulnerable to contamination from hazmat released during a rail accident occurring within Nevada County. *Conservatively placing the release in the Truckee River at the Nevada County border with Sierra County, such contamination would occur 12 miles (20 kilometers) upstream of the Chaulk Bluff water treatment plant.* Because train speeds are low within Nevada, Sierra, and western Washoe Counties, risk to the Truckee River of hazmat contamination originating from rail transport is considered to be negligible.

Risk to the Truckee River of hazmat contamination is much higher for highway transport due to much greater accident frequency. A hazmat incident caused by a highway accident is considered a threat to the Truckee River only for the I-80 route. Transportation along U.S. 395 is discounted because an accident on this highway is a minimal threat to municipal water supply because only a small segment is within spatial proximity of the Truckee River such that contamination is possible. The much larger threat to the Truckee River is attributed to I-80 because this highway is much closer to the river for a considerably longer distance.

For I-80, westward travel from Reno to Donner Summit is discounted for two reasons. For one, traffic speeds are lower for west bound travel for this highway segment because of a significant increase in elevation. And two, the westbound lanes are separated from the Truckee River by the east bound lanes providing some buffer should an accident occur. Eastbound travel on I-80 from the Donner Summit to Reno is considered to be a much larger threat. Elevation drop is significant and highway grades are consequently steep. From two miles west of Boca Reservoir exit to Verdi, Nevada, eastbound I-80 is so close to the Truckee River that contamination could easily result from an accident. Because of the steep downward grades, larger vehicles are vulnerable to loss of braking ability. Given this geographic context, risk to the Truckee River from hazmat contamination is considered to be a significant concern with respect to highway transport. *Conservatively, given that an accident as far east as Verdi, Nevada*

could potentially contaminate the Truckee River, a distance of 8 miles (13 km) upstream of the Chaulk Bluff water treatment plant, this event represents the worst-case scenario for river contamination by I-80 transport.

5. Summary and Conclusions.

The 1997 risk assessment study estimated that the Truckee River was vulnerable to contamination by either rail or highway accidents approximately once every 30 years. Actual data quoted in the present study show that no such contamination to the Truckee River has occurred since 1975, a 32-year period of time. **Risk quoted in the 1997 study remains conservative and realistic.**

Although Placer County data were obtained and analyzed in this study, so little rail and highway traffic within Placer County represent a threat to the Truckee River watershed that average accident rates for California based in part on Placer County data actually overestimate risk. Highway and rail data for Nevada and Sierra Counties provide more realistic assessment of risk. For this reason, risk to the Truckee River from contamination by a rail accident is thought to be so small that it may be considered to be negligible.

Based on the geographic context, the most likely contamination of the Truckee River by hazmat will come from a release during an accident involving eastbound traffic on I-80 from two miles west of the Boca Reservoir exit to Verdi, Nevada. The most accurate estimate of the likelihood of such an event is based on the HMIRS data base for the timeframe, 1995 to 2002. No such event occurred within this period of time (and has not occurred after 2002 to present). The probability of such a contamination is no greater than 0.08, or no greater than 1 event every 12 years.

6. Recommendations.

This report summarizes historical accident data that are readily available through Internet access. Rail accidents are shown to be random events and the rail accident average rate is considered to be representative of future rates. The amount of hazmat transported by rail and highway may fluctuate, yet this report suggests that this has little influence on actual risk.

Two significant unknowns are: 1) what is the actual frequency of hazmat release by an accident on highway or rail; and 2) what is the actual frequency of hazmat contamination to the Truckee River. Because neither of these events is present in the historic record, 1975-2006, these two frequencies remain undefined. It is recommended that the two data bases, HMIRS and the Federal Railroad Administration data base, be accessed annually and the data base updated to monitor these two important events.

Appendix 1. Rail Accident Data, 1975-2006. In the following order: 1. Washoe County, Nevada; 2. Nevada County, California; 3. Placer County, California; and 4. Sierra County, California.

1975: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 23775 | 55A | 03 | 04 | NV | WASHOE | Main | UP | Der | E62C | - | 790 | 1,730 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 2 |
| 2 | UP | 46205 | 55A | 04 | 20 | NV | WASHOE | Main | UP | Der | E53C | - | 304,000 | 30,000 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 17 |
| 3 | UP | 48535 | 55A | 07 | 27 | NV | WASHOE | Main | UP | Der | M599 | - | 38,050 | 30,900 | 0 | 1 | FREIGHT TRAIN | 045 | 8 | 20 |
| 4 | UP | 51825 | 55A | 11 | 22 | NV | WASHOE | Yard | UP | Der | E64C | - | 3,150 | 750 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 4 |

1975: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1976: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 234976 | 55A | 03 | 30 | NV | WASHOE | Main | UP | Der | E03C | - | 500 | 6,700 | 0 | 0 | FREIGHT TRAIN | 055 | 0 | 1 |
| 1 | UP | 46336 | 55A | 03 | 30 | NV | WASHOE | Industry | UP | Der | E03C | - | 500 | 0 | 0 | 0 | FREIGHT TRAIN | 050 | 0 | 1 |
| 2 | UP | 243576 | 55A | 04 | 28 | NV | WASHOE | Main | UP | Der | E49C | - | 44,000 | 25,000 | 0 | 0 | FREIGHT TRAIN | 035 | 0 | 21 |
| 3 | UP | 53196 | 55A | 08 | 24 | NV | WASHOE | Yard | UP | Der | H701 | - | 775 | 1,306 | 0 | 0 | LIGHT LOCO(S) | 003 | 2 | 0 |
| 4 | UP | 2121076 | 55A | 12 | 15 | NV | WASHOE | Main | UP | Oth | E03C | - | 4,000 | 0 | 0 | 0 | FREIGHT TRAIN | 050 | 0 | 0 |

1976: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1977: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 221477 | 55A | 02 | 21 | NV | WASHOE | Yard | UP | Der | H020 | - | 6,800 | 740 | 0 | 0 | CUT OF CARS | 000 | 0 | 4 |
| 2 | UP | 241677 | 55A | 04 | 25 | NV | WASHOE | Yard | UP | Der | H401 | - | 3,000 | 125 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 3 | UP | 47437 | 55A | 04 | 30 | NV | WASHOE | Yard | UP | Der | M204 | - | 4,000 | 0 | 0 | 2 | YARD/SWITCHING | 005 | 0 | 1 |
| 4 | UP | 49977 | 55A | 07 | 16 | NV | WASHOE | Main | UP | Der | E00C | - | 4,100 | 475 | 0 | 0 | FREIGHT TRAIN | 011 | 0 | 3 |
| 5 | UP | 50207 | 55A | 07 | 20 | NV | WASHOE | Industry | UP | Oth | E06C | - | 16,600 | 0 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 0 |
| 5 | UP | 274477 | 55A | 07 | 20 | NV | WASHOE | Main | UP | Oth | E06C | - | 0 | 6,974 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 0 |
| 6 | UP | 273677 | 55A | 07 | 22 | NV | WASHOE | Main | UP | Coll | H601 | - | 9,000 | 0 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 0 |
| 7 | UP | 274377 | 55A | 07 | 29 | NV | WASHOE | Main | UP | Der | E51C | - | 8,500 | 10,675 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 2 |
| 8 | UP | 51627 | 55A | 08 | 24 | NV | WASHOE | Main | UP | Oth | M399 | - | 3,000 | 0 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 0 |

1977: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|------------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-------------|------------|--------------|---------------|----------|----------|----------------------|------------|-----------|----------|
| 1 | UP | 274377 | 55A | 07 | 29 | NV | WASHOE | Main | UP | Der | E51C | - | 8,500 | 10,675 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 2 |

1977: Washoe County, Nevada (accidents involving cars carrying hazmat that were damaged): none.

1978: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-----------|-----------|-------------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|-------------|-------------|------------|---------------|---------------|----------|----------|-----------------------|------------|-----------|----------|
| 1 | UP | 45088 | 55A | 01 | 20 | NV | WASHOE | Yard | UP | Der | T110 | - | 3,500 | 3,568 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 2 |
| 2 | UP | 47548 | 55A | 04 | 01 | NV | WASHOE | Yard | UP | Der | T001 | - | 800 | 3,336 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 2 |
| 3 | UP | 47918 | 55A | 04 | 22 | NV | WASHOE | Main | UP | Der | E68C | - | 3,000 | 3,611 | 0 | 0 | FREIGHT TRAIN | 050 | 0 | 1 |
| 4 | UP | 50708 | 55A | 07 | 01 | NV | WASHOE | Main | UP | Coll | E39C | - | 65,000 | 0 | 0 | 0 | CUT OF CARS | 020 | 0 | 5 |
| 4 | UP | 50708 | 55A | 07 | 01 | NV | WASHOE | Yard | UP | Coll | E39C | - | 8,500 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 3 |
| 4 | UP | 50708 | 55A | 07 | 01 | NV | WASHOE | Main | UP | Coll | E39C | - | 0 | 4,742 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 0 |
| 5 | UP | 51388 | 55A | 07 | 28 | NV | WASHOE | Main | UP | Der | E40C | - | 1,500 | 18,500 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 1 |
| 6 | UP | 273978 | 55A | 07 | 30 | NV | WASHOE | Main | UP | Der | E52C | - | 33,000 | 9,500 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |
| 7 | UP | 52288 | 55A | 08 | 02 | NV | WASHOE | Yard | UP | Der | T314 | - | 1,750 | 3,755 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 8 |
| 8 | UP | 283578 | 55A | 08 | 24 | NV | WASHOE | Main | UP | Oth | E99L | - | 25,365 | 295 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 0 |
| 9 | UP | 283678 | 55A | 08 | 24 | NV | WASHOE | Main | UP | Oth | M599 | - | 7,110 | 1,040 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 0 |
| 10 | UP | 53968 | 55A | 09 | 14 | NV | WASHOE | Yard | UP | Oth | E39C | - | 2,500 | 252 | 0 | 0 | CUT OF CARS | 005 | 0 | 0 |
| 11 | UP | 54068 | 55A | 10 | 09 | NV | WASHOE | Main | UP | Der | H209 | - | 22,500 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 5 |
| 11 | UP | 54068 | 55A | 10 | 09 | NV | WASHOE | Main | UP | Der | H209 | - | 3,900 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 5 |
| 11 | UP | 54068 | 55A | 10 | 09 | NV | WASHOE | Main | UP | Der | H209 | - | 0 | 5,000 | 0 | 0 | CUT OF CARS | 010 | 0 | 0 |
| 12 | UP | 2121178 | 55A | 12 | 09 | NV | WASHOE | Yard | UP | Der | H503 | - | 18,500 | 0 | 0 | 2 | FREIGHT TRAIN | 025 | 0 | 4 |

1978: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|------------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-------------|------------|---------------|--------------|----------|----------|----------------------|------------|-----------|----------|
| 1 | UP | 273978 | 55A | 07 | 30 | NV | WASHOE | Main | UP | Der | E52C | - | 33,000 | 9,500 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |

1978: Washoe County, Nevada (accidents, cars carrying hazmat/damaged): none.

1979: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 21879 | 55A | 01 | 05 | NV | WASHOE | Main | UP | Der | E62C | | 3,100 | 845 | 0 | 0 | FREIGHT TRAIN | 060 | 0 | 1 |
| 2 | UP | 44879 | 55A | 01 | 20 | NV | WASHOE | Main | UP | Oth | M404 | | 3,550 | 0 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 0 |
| 3 | UP | 49899 | 55A | 05 | 10 | NV | WASHOE | Main | UP | Oth | M399 | | 6,900 | 0 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 0 |
| 4 | UP | 51349 | 55A | 05 | 29 | NV | WASHOE | Siding | UP | Oth | E06C | | 9,950 | 0 | 0 | 0 | FREIGHT TRAIN | 035 | 0 | 0 |
| 4 | UP | ROW5479 | 55A | 05 | 29 | NV | WASHOE | Main | UP | Oth | E06C | | 0 | 993 | 0 | 0 | NOT RPD OR N/A | 000 | 0 | 0 |
| 5 | UP | 273979 | 55A | 07 | 31 | NV | WASHOE | Main | UP | Oth | E52C | | 3,438 | 0 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 0 |
| 6 | UP | R2949 | 55A | 09 | 13 | NV | WASHOE | Main | UP | Der | H702 | | 0 | 3,500 | 0 | 0 | LIGHT LOCO(S) | 004 | 2 | 0 |
| 7 | UP | 211379 | 55A | 11 | 01 | NV | WASHOE | Main | UP | Der | T201 | | 44,000 | 24,990 | 0 | 0 | FREIGHT TRAIN | 055 | 0 | 10 |
| 8 | UP | R8969 | 55A | 12 | 06 | NV | WASHOE | Yard | UP | Oth | H999 | | 5,000 | 5,100 | 0 | 0 | LIGHT LOCO(S) | 005 | 2 | 0 |

1979: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1980: Washoe County, Nevada; no rail accidents reported this year.

1981: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 52981 | 55A | 03 | 06 | NV | WASHOE | Main | UP | Coll | H402 | | 4,180 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 0 |
| 1 | UP | 233881 | 55A | 03 | 06 | NV | WASHOE | Main | UP | Coll | H402 | | 0 | 0 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 0 |
| 2 | UP | 55101 | 55A | 05 | 14 | NV | WASHOE | Yard | UP | Der | T315 | | 2,900 | 25,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 5 |
| 3 | UP | 56381 | 55A | 06 | 15 | NV | WASHOE | Main | UP | Der | H702 | | 800 | 10,300 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |
| 4 | UP | 63131 | 55A | 12 | 14 | NV | WASHOE | Main | UP | Der | H702 | | 12,000 | 14,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |

1981: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 56381 | 55A | 06 | 15 | NV | WASHOE | Main | UP | Der | H702 | | 800 | 10,300 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |

1981: Washoe County, Nevada (accidents involving cars carrying hazmat that were damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 56381 | 55A | 06 | 15 | NV | WASHOE | Main | UP | Der | H702 | | 800 | 10,300 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |

1981: Washoe County, Nevada (accidents in which hazmat released): none.

1982: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | ATK | 032482B | 55A | 03 | 24 | NV | WASHOE | Yard | UP | Der | H306 | | 14,300 | 0 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 1 |
| 1 | UP | 52732 | 55A | 03 | 24 | NV | WASHOE | Yard | UP | Der | H306 | | 0 | 0 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 1 |
| 2 | UP | 272082 | 55A | 07 | 27 | NV | WASHOE | Main | UP | Der | H017 | | 147,600 | 2,400 | 0 | 0 | LIGHT LOCO(S) | 000 | 2 | 0 |
| 3 | UP | 56742 | 55A | 08 | 12 | NV | WASHOE | Yard | UP | Coll | H999 | | 19,000 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 0 |
| 3 | UP | 56742 | 55A | 08 | 12 | NV | WASHOE | Yard | UP | Coll | H999 | | 4,000 | 415 | 0 | 0 | YARD/SWITCHING | 010 | 1 | 0 |
| 4 | UP | 57112 | 55A | 08 | 23 | NV | WASHOE | Yard | UP | Oth | H601 | H525 | 24,400 | 3,000 | 0 | 0 | YARD/SWITCHING | 015 | 0 | 3 |

1982: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1983: Washoe County, Nevada (all accidents).

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 57693 | 55A | 08 | 18 | NV | WASHOE | Yard | UP | Oth | H702 | | 26,500 | 7,800 | 0 | 0 | FREIGHT TRAIN | 008 | 1 | 0 |

1983: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1984: Washoe County, Nevada (all accidents).

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 50004 | 55A | 01 | 02 | NV | WASHOE | Main | UP | Der | E00C | | 4,570 | 5,000 | 0 | 0 | FREIGHT TRAIN | 028 | 0 | 3 |
| 2 | UP | 0184WP218 | 55A | 01 | 25 | NV | WASHOE | Main | UP | Der | T110 | | 131,400 | 38,800 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 24 |
| 3 | UP | 52404 | 55A | 03 | 31 | NV | WASHOE | Main | UP | Der | H704 | | 8,250 | 7,000 | 0 | 0 | FREIGHT TRAIN | 005 | 3 | 0 |
| 4 | UP | 55614 | 55A | 06 | 23 | NV | WASHOE | Industry | UP | Der | E49C | | 2,600 | 0 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 1 |
| 4 | UP | 0684WP212 | 55A | 06 | 23 | NV | WASHOE | Main | UP | Der | E49C | | 0 | 16,790 | 0 | 0 | NOT RPD OR N/A | 000 | 0 | 0 |
| 5 | UP | 59494 | 55A | 09 | 21 | NV | WASHOE | Main | UP | Oth | H305 | | 8,953 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 1 |
| 5 | UP | 59494 | 55A | 09 | 21 | NV | WASHOE | Main | UP | Oth | H305 | | 0 | 0 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 0 |
| 6 | UP | 59294 | 55A | 09 | 27 | NV | WASHOE | Main | UP | Oth | H704 | | 9,250 | 4,000 | 0 | 0 | FREIGHT TRAIN | 007 | 1 | 4 |

1984: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1985: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0385FR204 | 55A | 03 | 16 | NV | WASHOE | Main | UP | Der | E39C | | 5,000 | 3,500 | 0 | 0 | FREIGHT TRAIN | 021 | 0 | 1 |

1985: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1986: Washoe County, Nevada (all accidents).

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|---------------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-------------|------------|----------------|---------------|----------|----------|----------------------|------------|-----------|-----------|
| 1 | UP | 0186FR202 | 55A | 01 | 17 | NV | WASHOE | Main | UP | Der | E51C | - | 169,156 | 30,500 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 10 |
| 2 | UP | 56546 | 55A | 09 | 21 | NV | WASHOE | Main | UP | Der | M207 | - | 6,300 | 15,000 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | |

1986: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1987: Washoe County, Nevada (all accidents).

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|-----------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-------------|------------|---------------|--------------|----------|----------|----------------------|------------|-----------|----------|
| 1 | UP | 53807 | 55A | 05 | 17 | NV | WASHOE | Yard | UP | Der | E64C | - | 12,300 | 2,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 5 |
| 2 | UP | 59377 | 55A | 12 | 04 | NV | WASHOE | Main | UP | Der | E53C | - | 400 | 9,000 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 1 |

1987: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|-----------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-------------|------------|---------------|--------------|----------|----------|----------------------|------------|-----------|----------|
| 1 | UP | 53807 | 55A | 05 | 17 | NV | WASHOE | Yard | UP | Der | E64C | - | 12,300 | 2,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 5 |

1987: Washoe County, Nevada (accidents involving cars carrying hazmat that were damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|-----------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-------------|------------|---------------|--------------|----------|----------|----------------------|------------|-----------|----------|
| 1 | UP | 53807 | 55A | 05 | 17 | NV | WASHOE | Yard | UP | Der | E64C | - | 12,300 | 2,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 5 |

1987: Washoe County, Nevada (accidents involving release of hazmat): none.

1988: Washoe County, Nevada; no accidents reported this year.

1989: Washoe County, Nevada (all accidents).

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|---------------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-------------|------------|--------------|---------------|----------|----------|----------------------|------------|-----------|----------|
| 1 | UP | 1089FR206 | 55A | 10 | 11 | NV | WASHOE | Main | UP | Der | E53C | - | 4,500 | 30,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 4 |

1989: Washoe County, Nevada (accidents involving cars carrying hazmat): none.

1990: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|----------|-----------|---------------------------|---------------------|-----------|-----------|-----------|---------------|-------------|-----------|-------------|-------------|------------|--------------|--------------|----------|----------|----------------------|------------|-----------|----------|
| 1 | UP | 0590FR204 | 55A | 05 | 07 | NV | WASHOE | Yard | UP | Coll | E79L | - | 8,000 | 0 | 0 | 0 | LIGHT LOCO(S) | 016 | 1 | 0 |
| 1 | UP | 0590FR204 | 55A | 05 | 07 | NV | WASHOE | Yard | UP | Coll | E79L | - | 4,500 | 311 | 0 | 0 | CUT OF CARS | 000 | 0 | 1 |

1990: Washoe County, Nevada (accidents involving cars carrying hazmat): none

1991: Washoe County, Nevada (all accidents): none.

1992: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | Q0212 | 55A | 02 | 26 | NV | WASHOE | Main | UP | Der | H210 | - | 32,000 | 1,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 4 |
| 2 | UP | Q0362 | 55A | 03 | 05 | NV | WASHOE | Yard | UP | Coll | H399 | - | 17,500 | 1,000 | 0 | 0 | LIGHT LOCO(S) | 003 | 0 | 0 |
| 2 | UP | Q0362 | 55A | 03 | 05 | NV | WASHOE | Yard | UP | Coll | H399 | - | 0 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 3 |
| 3 | UP | 0692FR017 | 55A | 06 | 26 | NV | WASHOE | Industry | UP | Der | T108 | - | 14,900 | 2,000 | 0 | 0 | FREIGHT TRAIN | 005 | 1 | 5 |
| 4 | UP | 0992FR002 | 55A | 09 | 04 | NV | WASHOE | Siding | UP | Der | T110 | T222 | 19,800 | 75,000 | 0 | 0 | FREIGHT TRAIN | 015 | 0 | 4 |
| 5 | UP | Q3322 | 55A | 12 | 08 | NV | WASHOE | Yard | UP | Der | T110 | - | 13,700 | 4,500 | 0 | 0 | FREIGHT TRAIN | 007 | 2 | 3 |
| 6 | UP | 1292FR014 | 55A | 12 | 31 | NV | WASHOE | Main | UP | Der | H306 | - | 8,000 | 30,000 | 0 | 0 | FREIGHT TRAIN | 011 | 0 | 6 |

1992: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | Q0212 | 55A | 02 | 26 | NV | WASHOE | Main | UP | Der | H210 | - | 32,000 | 1,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 4 |

1992: Washoe County, Nevada (accidents, cars carrying hazmat/damaged): None.

1993: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | Q0303 | 55A | 12 | 20 | NV | WASHOE | Main | UP | Der | M207 | - | 2,500 | 27,500 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 1 |

1993: Washoe County, Nevada (accidents involving cars carrying hazmat): None.

1994: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0194LA019 | 55A | 01 | 20 | NV | WASHOE | Siding | UP | Der | M502 | - | 9,000 | 500 | 0 | 0 | CUT OF CARS | 002 | 0 | 3 |
| 2 | UP | 0994LA015 | 55A | 09 | 27 | NV | WASHOE | Yard | UP | Der | T399 | - | 2,000 | 6,000 | 0 | 0 | FREIGHT TRAIN | 005 | 2 | 0 |
| 3 | UP | Q0214 | 55A | 11 | 23 | NV | WASHOE | Main | UP | Oth | M399 | - | 12,000 | 51,340 | 0 | 0 | FREIGHT TRAIN | 055 | 0 | 0 |

1994: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0994LA015 | 55A | 09 | 27 | NV | WASHOE | Yard | UP | Der | T399 | - | 2,000 | 6,000 | 0 | 0 | FREIGHT TRAIN | 005 | 2 | 0 |
| 2 | UP | Q0214 | 55A | 11 | 23 | NV | WASHOE | Main | UP | Oth | M399 | - | 12,000 | 51,340 | 0 | 0 | FREIGHT TRAIN | 055 | 0 | 0 |

1994: Washoe County, Nevada (accidents, cars carrying hazmat/damaged): None.

1995: Washoe County, Nevada (all accidents): None.

1996: Washoe County, Nevada (all accidents): None.

1997: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1197RS022 | 55A | 11 | 19 | NV | WASHOE | Yard | UP | Der | H704 | - | 5,800 | 11,000 | 0 | 0 | FREIGHT TRAIN | 006 | 0 | 9 |

1997: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1197RS022 | 55A | 11 | 19 | NV | WASHOE | Yard | UP | Der | H704 | - | 5,800 | 11,000 | 0 | 0 | FREIGHT TRAIN | 006 | 0 | 9 |

1997: Washoe County, Nevada (accidents, cars carrying hazmat/damaged): None.

1998: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0998RS001 | 55A | 09 | 01 | NV | WASHOE | Yard | UP | Oth | H399 | - | 73,300 | 5,200 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 1 |

1998: Washoe County, Nevada (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0998RS001 | 55A | 09 | 01 | NV | WASHOE | Yard | UP | Oth | H399 | - | 73,300 | 5,200 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 1 |

1998: Washoe County, Nevada (accidents, cars carrying hazmat/damaged): None.

1999: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 1299RS008 | 55A | 12 | 04 | NV | WASHOE | Yard | UP | Der | H307 | - | 22,956 | 3,841 | 0 | 0 | YARD/SWITCHING | 008 | 0 | 2 |

1999: Washoe County, Nevada (accidents involving cars carrying hazmat): None.

2000: Washoe County, Nevada (all accidents): None.

2001: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0501RS032 | 55A | 05 | 19 | NV | WASHOE | Main | UP | Coll | H403 | H306 | 6,566 | 1,500 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 0 |
| 1 | UP | 0501RS032 | 55A | 05 | 19 | NV | WASHOE | Yard | UP | Coll | H403 | H306 | 6,039 | 0 | 0 | 0 | FREIGHT TRAIN | 002 | 2 | 0 |
| 2 | UP | 0801RS018 | 55A | 08 | 15 | NV | WASHOE | Yard | UP | Der | M405 | - | 8,000 | 34,612 | 0 | 0 | FREIGHT TRAIN | 002 | 0 | 3 |

2001: Washoe County, Nevada (accidents involving cars carrying hazmat): None.

2002: Washoe County, Nevada (all accidents): None.

2003: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0403RS010 | 55A | 04 | 09 | NV | WASHOE | Yard | UP | Der | H312 | - | 1,700 | 8,000 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 2 |
| 2 | UP | 0603RS017 | 55A | 06 | 14 | NV | WASHOE | Yard | UP | Der | H104 | - | 18,526 | 7,200 | 0 | 0 | YARD/SWITCHING | 015 | 0 | 4 |
| 3 | UP | 0803RS032 | 55A | 08 | 25 | NV | WASHOE | Industry | UP | Der | M201 | - | 15,693 | 68,450 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 6 |
| 4 | UP | 0903RS021 | 55A | 09 | 18 | NV | WASHOE | Yard | UP | Der | H306 | - | 3,322 | 14,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |

2003: Washoe County, Nevada (accidents involving cars carrying hazmat): None.

2004: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0304RS010 | 55A | 03 | 14 | NV | WASHOE | Yard | UP | Der | H515 | - | 8,794 | 3,500 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |

2004: Washoe County, Nevada (accidents involving cars carrying hazmat): None.

2005: Washoe County, Nevada (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | ATK | 095165 | 55A | 01 | 09 | NV | WASHOE | Yard | UP | Der | M101 | - | 191,044 | 0 | 0 | 0 | LIGHT LOCO(S) | 004 | 2 | 0 |
| 1 | UP | 0105RS045 | 55A | 01 | 09 | NV | WASHOE | Yard | UP | Der | M101 | - | 0 | 0 | 0 | 0 | NOT RPD OR N/A | 000 | 0 | 0 |

2005: Washoe County, Nevada (accidents involving cars carrying hazmat): None.

2006: Washoe County, Nevada (all accidents)

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0206RS014 | 55A | 02 | 14 | NV | WASHOE | Main | UP | Der | H522 | - | 15,084 | 4,300 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 3 |
| 2 | UP | 0406RS002 | 55A | 04 | 05 | NV | WASHOE | Industry | XAWC | Der | T111 | T113 | 420 | 16,015 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 2 |
| 3 | UP | 0506RS027 | 55A | 05 | 19 | NV | WASHOE | Yard | UP | Oth | E31C | - | 14,855 | 0 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 0 |
| 4 | UP | 0606RS013 | 55A | 06 | 06 | NV | WASHOE | Industry | UP | Der | T110 | M405 | 21,258 | 96,155 | 0 | 0 | YARD/SWITCHING | 009 | 0 | 6 |
| 5 | UP | 1206RS012 | 55A | 12 | 12 | NV | WASHOE | Yard | UP | Der | H524 | H511 | 31,439 | 126,810 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 6 | UP | 1206RS017 | 55A | 12 | 18 | NV | WASHOE | Industry | UP | Der | H306 | H702 | 20,400 | 5,500 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |

2006: Washoe County, Nevada (accidents involving cars carrying hazmat).

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 1206RS012 | 55A | 12 | 12 | NV | WASHOE | Yard | UP | Der | H524 | H511 | 31,439 | 126,810 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |

2006: Washoe County, Nevada (accidents in which cars carrying hazmat were damaged).

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 1206RS012 | 55A | 12 | 12 | NV | WASHOE | Yard | UP | Der | H524 | H511 | 31,439 | 126,810 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |

2006: Washoe County, Nevada (accidents, hazmat released): None.

1975: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 47365 | 55A | 05 | 25 | CA | NEVADA | Main | UP | Der | E32C | - | 7,900 | 200 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 5 |
| 2 | UP | 47895 | 55A | 06 | 17 | CA | NEVADA | Main | UP | Der | E49C | - | 8,100 | 15,000 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 5 |
| 3 | UP | 47965 | 55A | 06 | 28 | CA | NEVADA | Main | UP | Der | H601 | - | 2,100 | 300 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 5 |
| 4 | UP | 49795 | 55A | 09 | 06 | CA | NEVADA | Main | UP | Der | E60C | - | 4,000 | 800 | 0 | 0 | FREIGHT TRAIN | 024 | 0 | 1 |

1975: Nevada County, California (accidents involving cars carrying hazmat): none.

1976: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|---------------------|-----------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 47946 | 55A | 05 | 03 | CA | NEVADA | Main | UP | Der | E24C | - | 100 | 2,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 1 |

1976: Nevada County, California (accidents involving cars carrying hazmat): none.

1977: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 48247 | 55A | 05 | 27 | CA | NEVADA | Main | UP | Der | E30C | - | 13,900 | 0 | 0 | 2 | FREIGHT TRAIN | 011 | 0 | 3 |
| 2 | UP | 52217 | 55A | 09 | 10 | CA | NEVADA | Main | UP | Der | E71L | - | 62,150 | 16,000 | 0 | 0 | FREIGHT TRAIN | 015 | 1 | 16 |

1977: Nevada County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 52217 | 55A | 09 | 10 | CA | NEVADA | Main | UP | Der | E71L | - | 62,150 | 16,000 | 0 | 0 | FREIGHT TRAIN | 015 | 1 | 16 |

1977: Nevada County, California (accidents involving cars carrying hazmat that were damaged): None.

1978: Nevada County, California (all accidents):

| Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|------------------------|-----------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 45108 | 55A | 02 | 03 | CA | NEVADA | Main | UP | Der | E00L | - | 11,170 | 2,000 | 0 | 0 | FREIGHT TRAIN | 022 | 0 | 4 |
| 2 | UP | 48058 | 55A | 04 | 26 | CA | NEVADA | Main | UP | Der | E34C | - | 2,800 | 4,500 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 3 |
| 3 | UP | 49108 | 55A | 05 | 17 | CA | NEVADA | Main | UP | Der | H601 | - | 1,800 | 1,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 4 |

1978: Nevada County, California (accidents involving cars carrying hazmat): None.

1979: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 45349 | 55A | 02 | 04 | CA | NEVADA | Main | UP | Der | E51L | | 12,500 | 0 | 0 | 0 | FREIGHT TRAIN | 030 | 1 | 0 |
| 2 | UP | 55249 | 55A | 07 | 28 | CA | NEVADA | Main | UP | Der | H020 | | 60,200 | 5,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 7 |
| 3 | UP | R0609 | 55A | 08 | 22 | CA | NEVADA | Main | UP | Der | M201 | | 41,500 | 21,000 | 0 | 0 | FREIGHT TRAIN | 016 | 0 | 3 |

1979: Nevada County, California (accidents involving cars carrying hazmat): None.

1980: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|-----------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 60020 | 55A | 06 | 02 | CA | NEVADA | Main | UP | Der | M405 | | 829 | 2,984 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 1 |
| 2 | UP | 63770 | 55A | 07 | 15 | CA | NEVADA | Main | UP | Der | M503 | | 1,500 | 1,500 | 0 | 0 | LIGHT LOCO(S) | 005 | 1 | 0 |

1980: Nevada County, California (accidents involving cars carrying hazmat): None.

1981: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|---------------------|-------------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-------------------------|-------------------------|-------------------|-------------------|---------------------------------|---------------------|-------------------|--------------------|
| 1 | ATK | 050281A | 55A | 05 | 02 | CA | NEVADA | Main | UP | Oth | M404 | | 11,000 | 0 | 0 | 0 | PASSENGER TRAIN | 020 | 0 | 0 |
| 1 | UP | 55421 | 55A | 05 | 02 | CA | NEVADA | Main | UP | Oth | M404 | | 0 | 0 | 0 | 0 | PASSENGER TRAIN | 020 | 0 | 0 |
| 2 | UP | 57331 | 55A | 07 | 16 | CA | NEVADA | Main | UP | Der | E51C | | 216,807 | 121,000 | 0 | 1 | FREIGHT TRAIN | 030 | 4 | 11 |

1981: Nevada County, California (accidents involving cars carrying hazmat): None.

1982: Nevada County, California (all accidents): None.

1983: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|------------------------|--------------------|---------------------|----------------------|------------|-----------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 56963 | 55A | 08 | 06 | CA | NEVADA | Main | UP | Der | E61C | | 280 | 10,000 | 0 | 0 | FREIGHT TRAIN | 035 | 0 | 1 |
| 2 | UP | 59873 | 55A | 11 | 01 | CA | NEVADA | Siding | UP | Der | H601 | | 3,720 | 20,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 9 |

1983: Nevada County, California (accidents involving hazmat): None.

1984: Nevada County, California (all accidents): None.

1985: Nevada County, California (all accidents): None.

1986: Nevada County, California (all accidents): None.

1987: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|-------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 59367 | 55A | 12 | 17 | CA | NEVADA | Main | UP | Der | E69C | - | 6,000 | 0 | 0 | 0 | FREIGHT TRAIN | 001 | 0 | 1 |

1987: Nevada County, California (accidents involving hazmat): None.

1988: Nevada County, California (all accidents): None.

1989: Nevada County, California (all accidents): None.

1990: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|---------------------|-------------------|-------------------|
| 1 | UP | A1390 | 55A | 03 | 22 | CA | NEVADA | Main | UP | Oth | H402 | - | 8,000 | 0 | 0 | 2 | SINGLE CAR | 005 | 0 | 0 |
| 1 | UP | A1390 | 55A | 03 | 22 | CA | NEVADA | Main | UP | Oth | H402 | - | 2,000 | 0 | 0 | 2 | SINGLE CAR | 000 | 0 | 0 |

1990: Nevada County, California (accidents involving cars carrying hazmat): None.

1991: Nevada County, California (all accidents): None.

1992: Nevada County, California (all accidents): None.

1993: Nevada County, California (all accidents): None.

1994: Nevada County, California (all accidents): None.

1995: Nevada County, California (all accidents): None.

1996: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | B0896 | 55A | 06 | 02 | CA | NEVADA | Main | UP | Der | E24C | - | 138,800 | 32,000 | 0 | 0 | FREIGHT TRAIN | 011 | 0 | 17 |

1996: Nevada County, California (accidents involving cars carrying hazmat): None.

1997: Nevada County, California (all accidents): None.

1998: Nevada County, California (all accidents): None.

1999: Nevada County, California (all accidents): None.

2000: Nevada County, California (all accidents): None.

2001: Nevada County, California (all accidents): None.

2002: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0502RS033 | 55A | 05 | 28 | CA | NEVADA | Yard | UP | Oth | H017 | - | 39,840 | 0 | 0 | 0 | LIGHT LOCO(S) | 000 | 0 | 0 |
| 1 | UP | 0502RS033 | 55A | 05 | 28 | CA | NEVADA | Yard | UP | Oth | H017 | - | 19,143 | 200 | 0 | 0 | LIGHT LOCO(S) | 005 | 0 | 0 |
| 2 | UP | 0802RS036 | 55A | 08 | 25 | CA | NEVADA | Main | UP | Oth | M504 | - | 0 | 20,000 | 0 | 0 | SINGLE CAR | 003 | 0 | 0 |

2002: Nevada County, California (accidents involving cars carrying hazmat): None.

2003: Nevada County, California (all accidents): None.

2004: Nevada County, California (all accidents): None.

2005: Nevada County, California (all accidents): None.

2006: Nevada County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0706RS041 | 55A | 07 | 30 | CA | NEVADA | Main | UP | Der | E46C | - | 1,244 | 836,395 | 0 | 0 | FREIGHT TRAIN | 009 | 0 | 1 |

2006: Nevada County, California (accidents involving cars carrying hazmat): None.

1975: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 58695 | 55A | 03 | 11 | CA | PLACER | Main | UP | Der | H702 | - | 700 | 2,400 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 3 |
| 2 | UP | 46175 | 55A | 04 | 17 | CA | PLACER | Main | UP | Der | M503 | - | 5,706 | 2,500 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 3 |
| 3 | UP | 46855 | 55A | 05 | 10 | CA | PLACER | Yard | UP | Der | H603 | - | 1,200 | 600 | 0 | 0 | FREIGHT TRAIN | 008 | 0 | 6 |
| 4 | UP | 47035 | 55A | 05 | 18 | CA | PLACER | Main | UP | Der | E32C | - | 11,600 | 300 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 4 |
| 5 | UP | 47155 | 55A | 05 | 23 | CA | PLACER | Main | UP | Der | E49C | - | 5,931 | 2,500 | 0 | 0 | FREIGHT TRAIN | 017 | 0 | 6 |
| 6 | UP | 47195 | 55A | 05 | 29 | CA | PLACER | Main | UP | Der | E01C | - | 2,100 | 0 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 5 |
| 7 | UP | 47565 | 55A | 06 | 01 | CA | PLACER | Yard | UP | Coll | H403 | - | 3,775 | 400 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 3 |
| 8 | UP | 47905 | 55A | 06 | 23 | CA | PLACER | Main | UP | Der | E23C | - | 22,000 | 800 | 0 | 0 | FREIGHT TRAIN | 017 | 0 | 2 |
| 9 | UP | 61135 | 55A | 06 | 27 | CA | PLACER | Main | UP | Der | H702 | - | 500 | 2,275 | 0 | 0 | FREIGHT TRAIN | 001 | 0 | 2 |
| 10 | UP | 48515 | 55A | 07 | 20 | CA | PLACER | Main | UP | Der | E00C | - | 12,800 | 1,500 | 0 | 0 | FREIGHT TRAIN | 026 | 0 | 15 |
| 11 | UP | 50535 | 55A | 10 | 06 | CA | PLACER | Yard | UP | Coll | H307 | - | 2,700 | 350 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 3 |
| 12 | UP | 50695 | 55A | 10 | 08 | CA | PLACER | Yard | UP | Coll | H301 | - | 14,350 | 0 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 0 |
| 12 | UP | 50695 | 55A | 10 | 08 | CA | PLACER | Yard | UP | Coll | H301 | - | 1,850 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 0 |
| 13 | UP | 51165 | 55A | 10 | 12 | CA | PLACER | Yard | UP | Der | T111 | - | 1,800 | 150 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 5 |
| 14 | UP | 50955 | 55A | 10 | 15 | CA | PLACER | Yard | UP | Der | T218 | - | 2,200 | 416 | 0 | 0 | FREIGHT TRAIN | 008 | 0 | 6 |
| 15 | UP | 51005 | 55A | 10 | 15 | CA | PLACER | Main | UP | Der | H702 | - | 3,410 | 1,000 | 0 | 0 | FREIGHT TRAIN | 008 | 1 | 3 |

1975: Placer County, California (accidents involving cars carrying hazmat): None.

1976: Placer County, California (all accidents):

| Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-----|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 44896 | 55A | 02 | 05 | CA | PLACER | Yard | UP | Der | T210 | - | 1,680 | 650 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |
| 1 | UP | 44896 | 55A | 02 | 05 | CA | PLACER | Yard | UP | Der | T210 | - | 50 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 0 |
| 2 | UP | 45196 | 55A | 02 | 14 | CA | PLACER | Yard | UP | Der | E05C | - | 13,800 | 580 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 6 |
| 3 | UP | 45156 | 55A | 02 | 23 | CA | PLACER | Yard | UP | Der | H701 | - | 6,650 | 200 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 6 |
| 4 | UP | 45406 | 55A | 03 | 06 | CA | PLACER | Main | UP | Coll | M503 | - | 89,875 | 12,000 | 0 | 3 | FREIGHT TRAIN | 000 | 0 | 6 |
| 4 | UP | 45406 | 55A | 03 | 06 | CA | PLACER | Main | UP | Coll | M503 | - | 7,600 | 7,359 | 0 | 3 | FREIGHT TRAIN | 025 | 2 | 5 |
| 5 | UP | 45416 | 55A | 03 | 07 | CA | PLACER | Main | UP | Der | E42C | - | 21,000 | 10,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 8 |
| 6 | UP | 46606 | 55A | 04 | 12 | CA | PLACER | Yard | UP | Der | E64C | - | 13,800 | 6,000 | 0 | 0 | FREIGHT TRAIN | 004 | 4 | 2 |
| 7 | UP | 46986 | 55A | 04 | 19 | CA | PLACER | Yard | UP | Der | E30C | - | 6,800 | 100 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 3 |
| 8 | UP | 46806 | 55A | 04 | 25 | CA | PLACER | Main | UP | Der | E42C | - | 1,000 | 2,050 | 0 | 0 | FREIGHT TRAIN | 017 | 0 | 1 |
| 9 | UP | 47546 | 55A | 05 | 09 | CA | PLACER | Yard | UP | Der | E64C | - | 2,385 | 586 | 0 | 0 | NOT RPD OR N/A | 008 | 0 | 6 |
| 10 | UP | 47996 | 55A | 05 | 23 | CA | PLACER | Yard | UP | Der | T210 | - | 2,300 | 0 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 8 |
| 11 | UP | 52206 | 55A | 07 | 18 | CA | PLACER | Yard | UP | Der | H702 | - | 1,000 | 700 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 11 | UP | 52206 | 55A | 07 | 18 | CA | PLACER | Yard | UP | Der | H702 | - | 300 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 0 |
| 12 | UP | 52496 | 55A | 07 | 29 | CA | PLACER | Yard | UP | Der | E39C | - | 1,170 | 3,547 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 13 | UP | 54656 | 55A | 10 | 07 | CA | PLACER | Yard | UP | Der | H503 | - | 12,250 | 5,600 | 0 | 0 | FREIGHT TRAIN | 008 | 0 | 7 |
| 14 | UP | E7106 | 55A | 10 | 19 | CA | PLACER | Yard | UP | Coll | H304 | - | 2,000 | 561 | 0 | 0 | LIGHT LOCO(S) | 004 | 1 | 0 |
| 14 | UP | E7106 | 55A | 10 | 19 | CA | PLACER | Yard | UP | Coll | H304 | - | 1,000 | 0 | 0 | 0 | LIGHT LOCO(S) | 004 | 0 | 0 |
| 15 | UP | 55426 | 55A | 10 | 26 | CA | PLACER | Yard | UP | Coll | H301 | - | 1,000 | 334 | 0 | 1 | FREIGHT TRAIN | 005 | 1 | 0 |
| 15 | UP | 55426 | 55A | 10 | 26 | CA | PLACER | Yard | UP | Coll | H301 | - | 1,000 | 0 | 0 | 1 | LIGHT LOCO(S) | 000 | 0 | 0 |
| 16 | UP | E7116 | 55A | 10 | 26 | CA | PLACER | Yard | UP | Coll | H303 | - | 1,000 | 0 | 0 | 0 | LIGHT LOCO(S) | 004 | 0 | 0 |
| 16 | UP | E7116 | 55A | 10 | 26 | CA | PLACER | Yard | UP | Coll | H303 | - | 1,000 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 0 |
| 17 | UP | 55636 | 55A | 11 | 06 | CA | PLACER | Main | UP | Der | E01C | - | 2,850 | 50 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |
| 18 | UP | 55806 | 55A | 11 | 17 | CA | PLACER | Yard | UP | Coll | H702 | - | 11,000 | 0 | 0 | 1 | LIGHT LOCO(S) | 006 | 0 | 0 |
| 18 | UP | 55806 | 55A | 11 | 17 | CA | PLACER | Yard | UP | Coll | H702 | - | 0 | 0 | 0 | 1 | YARD/SWITCHING | 006 | 0 | 0 |
| 19 | UP | 55816 | 55A | 11 | 17 | CA | PLACER | Yard | UP | Coll | H301 | - | 2,000 | 0 | 0 | 0 | LIGHT LOCO(S) | 000 | 0 | 0 |
| 19 | UP | 55816 | 55A | 11 | 17 | CA | PLACER | Yard | UP | Coll | H301 | - | 0 | 0 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 0 |
| 20 | UP | 53636 | 55A | 12 | 20 | CA | PLACER | Yard | UP | Coll | M599 | - | 8,350 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 1 |
| 20 | UP | 53636 | 55A | 12 | 20 | CA | PLACER | Yard | UP | Coll | M599 | M599 | 700 | 0 | 0 | 0 | SINGLE CAR | 010 | 0 | 0 |

1976: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 45416 | 55A | 03 | 07 | CA | PLACER | Main | UP | Der | E42C | - | 21,000 | 10,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 8 |

1976: Placer County, California (accidents cars carrying hazmat/damaged): None.

1977: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 44057 | 55A | 01 | 02 | CA | PLACER | Yard | UP | Coll | H306 | | 6,350 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 3 |
| 1 | UP | 44057 | 55A | 01 | 02 | CA | PLACER | Yard | UP | Coll | H306 | | 3,150 | 1,165 | 0 | 0 | WORK TRAIN | 002 | 0 | 1 |
| 2 | UP | 44667 | 55A | 02 | 02 | CA | PLACER | Yard | UP | Coll | H702 | | 6,800 | 1,535 | 0 | 0 | YARD/SWITCHING | 005 | 2 | 1 |
| 2 | UP | 44667 | 55A | 02 | 02 | CA | PLACER | Yard | UP | Coll | H702 | | 2,750 | 0 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 3 | UP | 45857 | 55A | 03 | 10 | CA | PLACER | Yard | UP | Der | H503 | | 38,650 | 5,744 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 9 |
| 4 | UP | 46287 | 55A | 03 | 20 | CA | PLACER | Yard | UP | Der | E64C | | 1,400 | 3,069 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 5 | UP | 06067 | 55A | 04 | 23 | CA | PLACER | Siding | UP | Der | H701 | | 2,450 | 2,750 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 4 |
| 6 | UP | 49407 | 55A | 06 | 23 | CA | PLACER | Main | UP | Coll | H999 | | 5,000 | 0 | 0 | 0 | SINGLE CAR | 010 | 0 | 0 |
| 6 | UP | 49407 | 55A | 06 | 23 | CA | PLACER | Main | UP | Coll | H999 | | 0 | 0 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 0 |
| 7 | UP | 50737 | 55A | 07 | 15 | CA | PLACER | Yard | UP | Coll | H301 | | 3,050 | 0 | 0 | 0 | SINGLE CAR | 006 | 0 | 1 |
| 7 | UP | 50737 | 55A | 07 | 15 | CA | PLACER | Yard | UP | Coll | H301 | | 200 | 0 | 0 | 0 | CUT OF CARS | 005 | 0 | 0 |
| 8 | UP | 50987 | 55A | 08 | 05 | CA | PLACER | Yard | UP | Der | E29C | | 1,920 | 1,503 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 3 |
| 9 | UP | 51157 | 55A | 08 | 08 | CA | PLACER | Yard | UP | Coll | H302 | | 2,500 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 1 |
| 9 | UP | 51157 | 55A | 08 | 08 | CA | PLACER | Yard | UP | Coll | H302 | | 1,175 | 0 | 0 | 0 | CUT OF CARS | 005 | 0 | 0 |
| 10 | UP | 51657 | 55A | 08 | 16 | CA | PLACER | Yard | UP | Coll | H702 | | 6,950 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 5 |
| 10 | UP | 51657 | 55A | 08 | 16 | CA | PLACER | Yard | UP | Coll | H702 | | 3,100 | 2,952 | 0 | 0 | LIGHT LOCO(S) | 001 | 1 | 0 |
| 11 | UP | 51537 | 55A | 08 | 20 | CA | PLACER | Yard | UP | Der | T199 | | 1,800 | 4,488 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 5 |
| 12 | UP | 51227 | 55A | 08 | 21 | CA | PLACER | Main | UP | Oth | E79L | | 0 | 10,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 0 |
| 13 | UP | 51647 | 55A | 08 | 21 | CA | PLACER | Yard | UP | Coll | H306 | | 1,600 | 0 | 0 | 0 | SINGLE CAR | 005 | 0 | 1 |
| 13 | UP | 51647 | 55A | 08 | 21 | CA | PLACER | Yard | UP | Coll | H306 | | 1,125 | 2,800 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 0 |
| 14 | UP | 52257 | 55A | 09 | 05 | CA | PLACER | Yard | UP | Der | H701 | | 26,970 | 270 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 5 |
| 15 | UP | 54107 | 55A | 10 | 09 | CA | PLACER | Siding | UP | Der | H999 | | 5,700 | 0 | 0 | 0 | FREIGHT TRAIN | 003 | 1 | 2 |
| 16 | UP | 54117 | 55A | 10 | 19 | CA | PLACER | Main | UP | Der | E32C | | 2,700 | 0 | 0 | 0 | FREIGHT TRAIN | 017 | 0 | 1 |
| 17 | UP | 1077CA202 | 55A | 10 | 25 | CA | PLACER | Main | BNSF | Der | E25C | | 5,000 | 0 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 9 |
| 17 | BNSF | 31107105 | 55A | 10 | 25 | CA | PLACER | Main | BNSF | Der | E23C | E25C | 0 | 6,500 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 9 |
| 18 | UP | 54657 | 55A | 11 | 16 | CA | PLACER | Yard | UP | Coll | H602 | | 5,800 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 3 |
| 18 | UP | 54657 | 55A | 11 | 16 | CA | PLACER | Yard | UP | Coll | H602 | | 5,000 | 1,465 | 0 | 0 | CUT OF CARS | 005 | 1 | 2 |
| 19 | UP | 55087 | 55A | 11 | 24 | CA | PLACER | Yard | UP | Der | T001 | | 4,440 | 2,040 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 7 |
| 20 | UP | 55047 | 55A | 11 | 29 | CA | PLACER | Main | UP | Der | E59C | | 1,800 | 2,059 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 3 |
| 21 | UP | 56047 | 55A | 12 | 20 | CA | PLACER | Yard | UP | Coll | H699 | | 3,700 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 1 | 1 |
| 21 | UP | 56047 | 55A | 12 | 20 | CA | PLACER | Yard | UP | Coll | H699 | | 2,500 | 290 | 0 | 0 | LIGHT LOCO(S) | 005 | 0 | 0 |

1977: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|----------------------|---------------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 44057 | 55A | 01 | 02 | CA | PLACER | Yard | UP | Coll | H306 | | 6,350 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 3 |
| 1 | UP | 44057 | 55A | 01 | 02 | CA | PLACER | Yard | UP | Coll | H306 | | 3,150 | 1,165 | 0 | 0 | WORK TRAIN | 002 | 0 | 1 |
| 2 | UP | 49407 | 55A | 06 | 23 | CA | PLACER | Main | UP | Coll | H999 | | 5,000 | 0 | 0 | 0 | SINGLE CAR | 010 | 0 | 0 |
| 2 | UP | 49407 | 55A | 06 | 23 | CA | PLACER | Main | UP | Coll | H999 | | 0 | 0 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 0 |
| 3 | UP | 1077CA202 | 55A | 10 | 25 | CA | PLACER | Main | BNSF | Der | E25C | | 5,000 | 0 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 9 |
| 3 | BNSF | 31107105 | 55A | 10 | 25 | CA | PLACER | Main | BNSF | Der | E23C | E25C | 0 | 6,500 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 9 |

1977: Placer County, California (accidents cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|----------------------|----------------------|------------|-----------------------|-----------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 44057 | 55A | 01 | 02 | CA | PLACER | Yard | UP | Coll | H306 | | 6,350 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 3 |
| 1 | UP | 44057 | 55A | 01 | 02 | CA | PLACER | Yard | UP | Coll | H306 | | 3,150 | 1,165 | 0 | 0 | WORK TRAIN | 002 | 0 | 1 |

1977: Placer County, California (accidents, hazmat released): None.

1978: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 44718 | 55A | 01 | 29 | CA | PLACER | Yard | UP | Coll | H403 | - | 17,680 | 2,946 | 0 | 0 | LIGHT LOCO(S) | 005 | 1 | 0 |
| 1 | UP | 44718 | 55A | 01 | 29 | CA | PLACER | Yard | UP | Coll | H403 | - | 3,800 | 0 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 0 |
| 2 | UP | 45408 | 55A | 02 | 08 | CA | PLACER | Yard | UP | Der | T211 | - | 2,319 | 200 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 3 | UP | 45668 | 55A | 02 | 20 | CA | PLACER | Main | UP | Der | E68C | - | 1,500 | 11,156 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 1 |
| 4 | UP | 45818 | 55A | 02 | 20 | CA | PLACER | Yard | UP | Der | T110 | - | 1,131 | 4,500 | 0 | 0 | CUT OF CARS | 004 | 0 | 6 |
| 5 | UP | 46418 | 55A | 03 | 03 | CA | PLACER | Yard | UP | Coll | H020 | - | 7,006 | 0 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 1 |
| 5 | UP | 46418 | 55A | 03 | 03 | CA | PLACER | Yard | UP | Coll | H020 | - | 0 | 1,500 | 0 | 0 | CUT OF CARS | 003 | 0 | 3 |
| 6 | BNSF | 31038102 | 55A | 03 | 06 | CA | PLACER | Main | BNSF | Der | T002 | - | 1795992 | 30,000 | 2 | 2 | FREIGHT TRAIN | 050 | 4 | 16 |
| 7 | UP | 46298 | 55A | 03 | 08 | CA | PLACER | Yard | UP | Der | T207 | - | 12,200 | 3,900 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 6 |
| 8 | UP | 46898 | 55A | 03 | 19 | CA | PLACER | Yard | UP | Der | H314 | - | 2,666 | 0 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |
| 9 | UP | 47908 | 55A | 04 | 22 | CA | PLACER | Main | UP | Der | E46C | - | 800 | 6,600 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 1 |
| 10 | UP | 48518 | 55A | 05 | 02 | CA | PLACER | Yard | UP | Der | E64C | - | 11,265 | 7,225 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 6 |
| 11 | UP | 48528 | 55A | 05 | 06 | CA | PLACER | Yard | UP | Coll | H702 | - | 14,558 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 3 |
| 11 | UP | 48528 | 55A | 05 | 06 | CA | PLACER | Yard | UP | Coll | H702 | - | 9,000 | 6,828 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 12 | UP | 48898 | 55A | 05 | 16 | CA | PLACER | Main | UP | Oth | M399 | - | 4,500 | 0 | 1 | 0 | FREIGHT TRAIN | 053 | 0 | 0 |
| 13 | UP | 49568 | 55A | 06 | 04 | CA | PLACER | Main | UP | Der | E68C | - | 500 | 12,000 | 0 | 0 | FREIGHT TRAIN | 015 | 0 | 1 |
| 14 | UP | 50018 | 55A | 06 | 17 | CA | PLACER | Yard | UP | Der | H503 | - | 2,887 | 0 | 0 | 0 | CUT OF CARS | 004 | 0 | 4 |
| 15 | UP | 50248 | 55A | 06 | 17 | CA | PLACER | Yard | UP | Der | H503 | - | 4,000 | 0 | 0 | 0 | FREIGHT TRAIN | 005 | 3 | 0 |
| 16 | UP | 49978 | 55A | 06 | 20 | CA | PLACER | Yard | UP | Der | T210 | - | 5,889 | 5,000 | 0 | 0 | FREIGHT TRAIN | 004 | 2 | 7 |
| 17 | UP | 50488 | 55A | 06 | 25 | CA | PLACER | Yard | UP | Coll | T314 | - | 8,450 | 1,273 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 4 |
| 17 | UP | 50488 | 55A | 06 | 25 | CA | PLACER | Yard | UP | Coll | T314 | - | 7,950 | 0 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 9 |
| 18 | UP | 51498 | 55A | 07 | 04 | CA | PLACER | Yard | UP | Coll | H306 | - | 1,800 | 0 | 0 | 0 | CUT OF CARS | 012 | 0 | 0 |
| 18 | UP | 51498 | 55A | 07 | 04 | CA | PLACER | Yard | UP | Coll | H306 | - | 500 | 0 | 0 | 0 | LIGHT LOCO(S) | 000 | 0 | 0 |
| 19 | UP | 50718 | 55A | 07 | 10 | CA | PLACER | Main | UP | Der | T207 | - | 151,050 | 15,000 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 13 |
| 20 | UP | 51118 | 55A | 07 | 20 | CA | PLACER | Yard | UP | Der | E46C | - | 10,918 | 38,500 | 0 | 0 | FREIGHT TRAIN | 006 | 0 | 22 |
| 21 | UP | 51758 | 55A | 07 | 30 | CA | PLACER | Yard | UP | Der | T307 | - | 2,050 | 1,450 | 0 | 0 | YARD/SWITCHING | 005 | 1 | 2 |
| 22 | UP | 52048 | 55A | 08 | 01 | CA | PLACER | Yard | UP | Coll | H702 | - | 2,800 | 274 | 0 | 0 | CUT OF CARS | 005 | 2 | 1 |
| 22 | UP | 52048 | 55A | 08 | 01 | CA | PLACER | Yard | UP | Coll | H702 | - | 150 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 1 |
| 23 | UP | 53018 | 55A | 09 | 04 | CA | PLACER | Yard | UP | Der | M599 | - | 500 | 22,000 | 0 | 0 | CUT OF CARS | 008 | 0 | 1 |
| 24 | UP | 53618 | 55A | 09 | 25 | CA | PLACER | Yard | UP | Coll | H306 | - | 2,375 | 7,600 | 0 | 0 | CUT OF CARS | 001 | 0 | 7 |
| 24 | UP | 53618 | 55A | 09 | 25 | CA | PLACER | Yard | UP | Coll | H306 | - | 100 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 1 |
| 25 | UP | 56268 | 55A | 12 | 03 | CA | PLACER | Yard | UP | Der | H503 | - | 1,650 | 6,200 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 6 |
| 26 | UP | 55248 | 55A | 12 | 29 | CA | PLACER | Yard | UP | Der | T110 | - | 3,300 | 6,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 7 |

1978: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | BNSF | 31038102 | 55A | 03 | 06 | CA | PLACER | Main | BNSF | Der | T002 | - | 1795992 | 30,000 | 2 | 2 | FREIGHT TRAIN | 050 | 4 | 16 |
| 2 | UP | 46298 | 55A | 03 | 08 | CA | PLACER | Yard | UP | Der | T207 | - | 12,200 | 3,900 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 6 |
| 3 | UP | 50718 | 55A | 07 | 10 | CA | PLACER | Main | UP | Der | T207 | - | 151,050 | 15,000 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 13 |

1978: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 46298 | 55A | 03 | 08 | CA | PLACER | Yard | UP | Der | T207 | - | 12,200 | 3,900 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 6 |
| 2 | UP | 50718 | 55A | 07 | 10 | CA | PLACER | Main | UP | Der | T207 | - | 151,050 | 15,000 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 13 |

1978: Placer County, California (accidents, hazmat released):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 46298 | 55A | 03 | 08 | CA | PLACER | Yard | UP | Der | T207 | - | 12,200 | 3,900 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 6 |

1978: Placer County, California (accidents, people evacuated): None.

1979: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 44899 | 55A | 01 | 22 | CA | PLACER | Main | UP | Der | E51L | - | 16,884 | 0 | 0 | 0 | FREIGHT TRAIN | 030 | 1 | 0 |
| 2 | UP | 45819 | 55A | 02 | 15 | CA | PLACER | Yard | UP | Der | T001 | - | 408 | 3,970 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 3 |
| 3 | UP | 46689 | 55A | 03 | 01 | CA | PLACER | Yard | UP | Der | T001 | - | 1,370 | 3,937 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 8 |
| 4 | UP | 47149 | 55A | 03 | 31 | CA | PLACER | Yard | UP | Der | H503 | - | 1,064 | 2,699 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |
| 5 | BNSF | 31049101 | 55A | 04 | 07 | CA | PLACER | Main | BNSF | Der | M405 | H505 | 6,900 | 1,700 | 0 | 0 | FREIGHT TRAIN | 031 | 0 | 3 |
| 6 | UP | 54119 | 55A | 06 | 30 | CA | PLACER | Main | UP | Der | E00C | - | 3,100 | 0 | 0 | 0 | FREIGHT TRAIN | 015 | 0 | 2 |
| 7 | UP | 56129 | 55A | 07 | 02 | CA | PLACER | Siding | UP | Der | M503 | - | 4,500 | 0 | 0 | 0 | SINGLE CAR | 010 | 0 | 1 |
| 8 | UP | 53639 | 55A | 07 | 04 | CA | PLACER | Yard | UP | Der | E00L | - | 1,508 | 9,600 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 14 |
| 9 | UP | 53649 | 55A | 07 | 05 | CA | PLACER | Main | UP | Der | E68C | - | 1,000 | 14,600 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 1 |
| 10 | UP | R3289 | 55A | 09 | 16 | CA | PLACER | Yard | UP | Coll | H212 | - | 12,102 | 0 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |
| 10 | UP | R3289 | 55A | 09 | 16 | CA | PLACER | Yard | UP | Coll | H212 | - | 1,500 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 1 |
| 11 | UP | R4879 | 55A | 09 | 22 | CA | PLACER | Yard | UP | Der | H209 | - | 3,001 | 1,285 | 0 | 0 | YARD/SWITCHING | 008 | 0 | 5 |
| 12 | UP | R3219 | 55A | 09 | 24 | CA | PLACER | Main | UP | Der | M201 | - | 0 | 15,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 1 |
| 13 | UP | R3749 | 55A | 09 | 25 | CA | PLACER | Yard | UP | Der | H999 | - | 8,203 | 525 | 0 | 0 | FREIGHT TRAIN | 001 | 0 | 4 |
| 14 | UP | R4869 | 55A | 09 | 27 | CA | PLACER | Yard | UP | Der | H505 | - | 5,500 | 1,301 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 15 | UP | R6879 | 55A | 11 | 05 | CA | PLACER | Yard | UP | Der | H999 | - | 9,999 | 15,800 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 14 |
| 16 | UP | R8169 | 55A | 11 | 09 | CA | PLACER | Main | UP | Der | M405 | - | 3,650 | 0 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 2 |
| 17 | UP | R7199 | 55A | 11 | 10 | CA | PLACER | Yard | UP | Der | E46C | - | 11,906 | 12,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |
| 18 | UP | R8199 | 55A | 11 | 12 | CA | PLACER | Yard | UP | Oth | H312 | - | 4,000 | 300 | 0 | 0 | CUT OF CARS | 008 | 0 | 2 |
| 19 | UP | R8209 | 55A | 11 | 15 | CA | PLACER | Yard | UP | Coll | E39C | - | 2,640 | 0 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 0 |
| 19 | UP | R8209 | 55A | 11 | 15 | CA | PLACER | Yard | UP | Coll | E39C | - | 1,500 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 0 |
| 20 | UP | R8629 | 55A | 11 | 23 | CA | PLACER | Yard | UP | Der | H505 | - | 856 | 2,233 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 3 |
| 21 | UP | 40639 | 55A | 12 | 28 | CA | PLACER | Yard | UP | Der | T001 | - | 1,514 | 3,300 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 6 |
| 22 | UP | 40279 | 55A | 12 | 30 | CA | PLACER | Main | UP | Der | E66C | - | 363,800 | 43,738 | 0 | 0 | FREIGHT TRAIN | 045 | 0 | 28 |
| 23 | UP | 40649 | 55A | 12 | 30 | CA | PLACER | Yard | UP | Der | T001 | - | 4,656 | 5,000 | 0 | 0 | YARD/SWITCHING | 008 | 0 | 7 |

1979: Placer County, California (accidents involving cars carrying hazmat): None.

1980: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 50000 | 55A | 01 | 01 | CA | PLACER | Main | UP | Der | E53C | | 186,050 | 65,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 12 |
| 2 | UP | 51170 | 55A | 01 | 15 | CA | PLACER | Yard | UP | Coll | H702 | | 4,301 | 160 | 0 | 0 | CUT OF CARS | 000 | 0 | 2 |
| 2 | UP | 51170 | 55A | 01 | 15 | CA | PLACER | Yard | UP | Coll | H702 | | 0 | 0 | 0 | 0 | YARD/SWITCHING | 005 | 1 | 0 |
| 3 | UP | 51110 | 55A | 01 | 24 | CA | PLACER | Main | UP | Der | M201 | | 1,500 | 5,536 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 1 |
| 4 | UP | 51380 | 55A | 01 | 26 | CA | PLACER | Yard | UP | Der | T207 | | 2,708 | 5,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 5 |
| 5 | UP | 52510 | 55A | 02 | 07 | CA | PLACER | Yard | UP | Coll | H301 | | 3,350 | 1,591 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 2 |
| 5 | UP | 52510 | 55A | 02 | 07 | CA | PLACER | Yard | UP | Coll | H301 | | 800 | 0 | 0 | 0 | CUT OF CARS | 006 | 0 | 0 |
| 6 | UP | 52880 | 55A | 02 | 17 | CA | PLACER | Yard | UP | Der | H505 | | 1,428 | 5,000 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 6 |
| 7 | UP | 52890 | 55A | 02 | 18 | CA | PLACER | Yard | UP | Der | T207 | | 406 | 6,300 | 0 | 0 | FREIGHT TRAIN | 003 | 2 | 2 |
| 8 | UP | 52920 | 55A | 02 | 21 | CA | PLACER | Yard | UP | Coll | H999 | | 2,300 | 0 | 0 | 0 | LIGHT LOCO(S) | 003 | 0 | 0 |
| 8 | UP | 52920 | 55A | 02 | 21 | CA | PLACER | Yard | UP | Coll | H999 | | 1,500 | 3,100 | 0 | 0 | YARD/SWITCHING | 004 | 1 | 0 |
| 9 | UP | 53670 | 55A | 02 | 28 | CA | PLACER | Yard | UP | Der | T001 | T110 | 1,222 | 2,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 6 |
| 10 | UP | 54340 | 55A | 03 | 05 | CA | PLACER | Yard | UP | Der | E35C | | 4,500 | 11,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 2 |
| 11 | UP | 57260 | 55A | 04 | 21 | CA | PLACER | Main | UP | Der | E40C | | 2,994 | 27,000 | 0 | 0 | FREIGHT TRAIN | 015 | 0 | 5 |
| 12 | UP | 58360 | 55A | 05 | 03 | CA | PLACER | Yard | UP | Der | T399 | | 408 | 4,144 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |
| 13 | UP | 60460 | 55A | 06 | 08 | CA | PLACER | Yard | UP | Coll | H999 | | 4,500 | 0 | 0 | 0 | LIGHT LOCO(S) | 005 | 1 | 0 |
| 13 | UP | 60460 | 55A | 06 | 08 | CA | PLACER | Yard | UP | Coll | H999 | | 2,556 | 4,329 | 0 | 0 | YARD/SWITCHING | 005 | 1 | 2 |
| 14 | UP | 60880 | 55A | 06 | 19 | CA | PLACER | Yard | UP | Der | T199 | | 4,700 | 4,500 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 10 |
| 15 | UP | 62070 | 55A | 07 | 03 | CA | PLACER | Yard | UP | Coll | H403 | | 4,500 | 0 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 0 |
| 15 | UP | 62070 | 55A | 07 | 03 | CA | PLACER | Yard | UP | Coll | H403 | | 3,500 | 1,560 | 0 | 0 | LIGHT LOCO(S) | 005 | 1 | 0 |
| 16 | UP | 62110 | 55A | 07 | 04 | CA | PLACER | Yard | UP | Der | T210 | | 0 | 4,930 | 0 | 0 | FREIGHT TRAIN | 005 | 1 | 0 |
| 17 | UP | 62430 | 55A | 07 | 17 | CA | PLACER | Main | UP | Der | M201 | | 1,025 | 123,000 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 2 |
| 18 | UP | 63010 | 55A | 07 | 22 | CA | PLACER | Yard | UP | Der | H704 | | 0 | 4,360 | 0 | 0 | LIGHT LOCO(S) | 005 | 1 | 0 |
| 19 | UP | 63790 | 55A | 08 | 01 | CA | PLACER | Yard | UP | Der | H702 | | 1,384 | 4,540 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 7 |
| 20 | UP | 63800 | 55A | 08 | 03 | CA | PLACER | Yard | UP | Der | H312 | | 1,054 | 3,075 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 3 |
| 21 | UP | 63950 | 55A | 08 | 07 | CA | PLACER | Yard | UP | Der | T311 | | 408 | 4,200 | 0 | 0 | FREIGHT TRAIN | 007 | 0 | 3 |
| 22 | UP | 64720 | 55A | 08 | 07 | CA | PLACER | Yard | UP | Der | T314 | | 2,800 | 4,170 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 1 |
| 23 | UP | 65980 | 55A | 08 | 31 | CA | PLACER | Yard | UP | Coll | H099 | | 5,500 | 835 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 1 |
| 23 | UP | 65980 | 55A | 08 | 31 | CA | PLACER | Yard | UP | Coll | H099 | | 2,000 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 0 |
| 24 | UP | 66210 | 55A | 09 | 07 | CA | PLACER | Main | UP | Der | E69C | | 1,203 | 18,000 | 0 | 0 | FREIGHT TRAIN | 026 | 0 | 2 |
| 25 | UP | 69640 | 55A | 10 | 25 | CA | PLACER | Yard | UP | Der | E62C | | 1,400 | 4,040 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 1 |
| 26 | UP | 72000 | 55A | 11 | 23 | CA | PLACER | Yard | UP | Oth | E35C | | 840 | 3,260 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 0 |
| 27 | UP | 72830 | 55A | 12 | 06 | CA | PLACER | Yard | UP | Oth | H306 | | 7,940 | 1,572 | 0 | 1 | YARD/SWITCHING | 000 | 0 | 0 |
| 27 | UP | 72830 | 55A | 12 | 06 | CA | PLACER | Yard | UP | Oth | H306 | | 0 | 0 | 0 | 1 | YARD/SWITCHING | 006 | 0 | 0 |
| 28 | UP | 73920 | 55A | 12 | 31 | CA | PLACER | Yard | UP | Der | E40C | | 561 | 2,500 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |

1980: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 50000 | 55A | 01 | 01 | CA | PLACER | Main | UP | Der | E53C | | 186,050 | 65,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 12 |
| 2 | UP | 51380 | 55A | 01 | 26 | CA | PLACER | Yard | UP | Der | T207 | | 2,708 | 5,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 5 |
| 3 | UP | 52510 | 55A | 02 | 07 | CA | PLACER | Yard | UP | Coll | H301 | | 3,350 | 1,591 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 2 |
| 3 | UP | 52510 | 55A | 02 | 07 | CA | PLACER | Yard | UP | Coll | H301 | | 800 | 0 | 0 | 0 | CUT OF CARS | 006 | 0 | 0 |

1980: Placer County, California (accidents, cars carrying hazmat/damaged):

| Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-----|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 50000 | 55A | 01 | 01 | CA | PLACER | Main | UP | Der | E53C | - | 186,050 | 65,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 12 |
| 2 | UP | 51380 | 55A | 01 | 26 | CA | PLACER | Yard | UP | Der | T207 | - | 2,708 | 5,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 5 |

1980: Placer County, California (accidents, hazmat released): None.

1981: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 50441 | 55A | 01 | 28 | CA | PLACER | Main | UP | Der | H503 | - | 8,950 | 7,500 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 2 | UP | 50811 | 55A | 01 | 28 | CA | PLACER | Yard | UP | Coll | H306 | - | 2,500 | 0 | 0 | 0 | CUT OF CARS | 015 | 0 | 1 |
| 2 | UP | 50811 | 55A | 01 | 28 | CA | PLACER | Yard | UP | Coll | H306 | - | 2,000 | 500 | 0 | 0 | YARD/SWITCHING | 015 | 1 | 0 |
| 3 | UP | 51601 | 55A | 02 | 05 | CA | PLACER | Yard | UP | Coll | H313 | - | 19,175 | 86 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 1 |
| 3 | UP | 51601 | 55A | 02 | 05 | CA | PLACER | Yard | UP | Coll | H313 | - | 1,775 | 0 | 0 | 0 | YARD/SWITCHING | 015 | 0 | 0 |
| 4 | UP | 52501 | 55A | 02 | 22 | CA | PLACER | Yard | UP | Oth | H314 | - | 5,000 | 0 | 0 | 0 | CUT OF CARS | 006 | 0 | 1 |
| 5 | UP | 52241 | 55A | 03 | 01 | CA | PLACER | Main | UP | Der | E35C | - | 8,250 | 2,350 | 0 | 0 | FREIGHT TRAIN | 021 | 0 | 1 |
| 6 | UP | 52471 | 55A | 03 | 10 | CA | PLACER | Yard | UP | Oth | H314 | - | 3,356 | 2,800 | 0 | 0 | CUT OF CARS | 008 | 0 | 7 |
| 7 | UP | 52671 | 55A | 03 | 16 | CA | PLACER | Yard | UP | Der | H503 | - | 1,363 | 6,851 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 6 |
| 8 | UP | 53961 | 55A | 04 | 15 | CA | PLACER | Yard | UP | Der | E31C | E35C | 7,500 | 0 | 0 | 0 | CUT OF CARS | 002 | 0 | 3 |
| 9 | UP | 53841 | 55A | 04 | 19 | CA | PLACER | Main | UP | Der | M204 | - | 0 | 20,000 | 0 | 0 | FREIGHT TRAIN | 024 | 0 | 1 |
| 10 | UP | 55001 | 55A | 05 | 07 | CA | PLACER | Main | UP | Der | E53C | - | 1,500 | 3,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 1 |
| 11 | UP | 55341 | 55A | 05 | 22 | CA | PLACER | Main | UP | Der | E00C | - | 10,750 | 40,000 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 12 |
| 12 | UP | 58731 | 55A | 08 | 09 | CA | PLACER | Main | UP | Der | E24C | - | 5,260 | 7,000 | 0 | 0 | FREIGHT TRAIN | 015 | 0 | 2 |
| 13 | UP | 59921 | 55A | 08 | 31 | CA | PLACER | Yard | UP | Der | H702 | - | 24,129 | 350 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 13 |
| 14 | UP | 61101 | 55A | 10 | 04 | CA | PLACER | Yard | UP | Coll | H702 | - | 6,000 | 3,200 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 0 |
| 14 | UP | 61101 | 55A | 10 | 04 | CA | PLACER | Yard | UP | Coll | H702 | - | 3,300 | 0 | 0 | 0 | FREIGHT TRAIN | 006 | 0 | 2 |
| 15 | UP | 61611 | 55A | 10 | 31 | CA | PLACER | Main | UP | Der | E02C | - | 14,800 | 10,000 | 0 | 0 | FREIGHT TRAIN | 029 | 0 | 5 |
| 16 | UP | 62561 | 55A | 11 | 23 | CA | PLACER | Yard | UP | Der | T210 | - | 64,160 | 649 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 5 |
| 17 | UP | 62601 | 55A | 11 | 25 | CA | PLACER | Yard | UP | Der | H704 | - | 2,315 | 10,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 5 |

1981: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 52671 | 55A | 03 | 16 | CA | PLACER | Yard | UP | Der | H503 | - | 1,363 | 6,851 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 6 |

1981: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 52671 | 55A | 03 | 16 | CA | PLACER | Yard | UP | Der | H503 | - | 1,363 | 6,851 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 6 |

1981: Placer County, California (accidents, hazmat released): None.

1982: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 51672 | 55A | 02 | 19 | CA | PLACER | Yard | UP | Der | T207 | | 2,680 | 1,538 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 4 |
| 2 | UP | 54642 | 55A | 05 | 02 | CA | PLACER | Industry | UP | Oth | H401 | | 1,820 | 0 | 0 | 0 | WORK TRAIN | 003 | 0 | 2 |
| 2 | UP | 54642 | 55A | 05 | 02 | CA | PLACER | Siding | UP | Oth | H401 | | 0 | 4,879 | 0 | 0 | CUT OF CARS | 000 | 0 | 0 |
| 3 | UP | 53822 | 55A | 05 | 09 | CA | PLACER | Main | UP | Der | E68C | | 500 | 17,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 1 |
| 4 | UP | 54912 | 55A | 06 | 10 | CA | PLACER | Yard | UP | Oth | H313 | | 18,000 | 150 | 0 | 0 | SINGLE CAR | 005 | 0 | 1 |
| 5 | UP | 54972 | 55A | 06 | 13 | CA | PLACER | Yard | UP | Der | M405 | | 2,385 | 4,500 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 5 |
| 6 | UP | 57302 | 55A | 08 | 20 | CA | PLACER | Yard | UP | Der | H503 | | 4,000 | 1,117 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 8 |
| 7 | UP | 58422 | 55A | 10 | 02 | CA | PLACER | Yard | UP | Der | E64L | | 11,800 | 17,360 | 0 | 0 | FREIGHT TRAIN | 005 | 3 | 0 |
| 8 | UP | 58772 | 55A | 10 | 22 | CA | PLACER | Yard | UP | Der | E0HC | | 2,930 | 13,500 | 0 | 0 | WORK TRAIN | 005 | 0 | 4 |
| 9 | UP | 59492 | 55A | 11 | 10 | CA | PLACER | Yard | UP | Der | H505 | | 1,920 | 8,200 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 4 |
| 10 | UP | 59502 | 55A | 11 | 20 | CA | PLACER | Main | UP | Der | H505 | | 35,300 | 11,000 | 0 | 0 | FREIGHT TRAIN | 008 | 0 | 4 |
| 11 | UP | 60782 | 55A | 12 | 23 | CA | PLACER | Yard | UP | Der | H306 | | 2,180 | 4,848 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 2 |

1982: Placer County, California (accidents involving cars carrying hazmat): None.

1983: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|-----------------|---------|-----------|----------|
| 1 | UP | 50273 | 55A | 01 | 16 | CA | PLACER | Yard | UP | Der | H503 | | 0 | 5,000 | 0 | 0 | WORK TRAIN | 003 | 0 | 2 |
| 2 | UP | 50743 | 55A | 01 | 28 | CA | PLACER | Yard | UP | Der | E79L | | 5,120 | 871 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 8 |
| 3 | UP | 51043 | 55A | 02 | 21 | CA | PLACER | Yard | UP | Der | H503 | | 1,500 | 50,000 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 2 |
| 4 | UP | 51963 | 55A | 03 | 01 | CA | PLACER | Yard | UP | Coll | H403 | | 20,000 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 2 |
| 4 | UP | 51963 | 55A | 03 | 01 | CA | PLACER | Yard | UP | Coll | H403 | | 0 | 664 | 0 | 0 | LIGHT LOCO(S) | 003 | 1 | 0 |
| 5 | UP | 51953 | 55A | 03 | 06 | CA | PLACER | Yard | UP | Der | T110 | | 3,040 | 1,814 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 8 |
| 6 | UP | 52113 | 55A | 03 | 23 | CA | PLACER | Main | UP | Der | E00C | | 284,440 | 2,500 | 0 | 0 | FREIGHT TRAIN | 040 | 0 | 16 |
| 7 | UP | 52233 | 55A | 03 | 23 | CA | PLACER | Yard | UP | Der | H702 | | 3,715 | 4,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 7 |
| 8 | UP | 52303 | 55A | 03 | 26 | CA | PLACER | Yard | UP | Der | H503 | | 3,600 | 3,661 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 2 |
| 9 | UP | 52643 | 55A | 03 | 31 | CA | PLACER | Main | UP | Coll | H104 | | 90,000 | 1,500 | 0 | 2 | FREIGHT TRAIN | 006 | 0 | 0 |
| 9 | UP | 52643 | 55A | 03 | 31 | CA | PLACER | Yard | UP | Coll | H104 | | 20,000 | 0 | 0 | 2 | LIGHT LOCO(S) | 005 | 0 | 0 |
| 10 | UP | 53063 | 55A | 04 | 12 | CA | PLACER | Main | UP | Oth | E74L | | 6,000 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 0 |
| 11 | UP | 53093 | 55A | 04 | 20 | CA | PLACER | Yard | UP | Der | H521 | | 5,280 | 30,361 | 0 | 0 | FREIGHT TRAIN | 008 | 0 | 7 |
| 12 | UP | 53883 | 55A | 05 | 11 | CA | PLACER | Yard | UP | Der | T111 | | 1,826 | 8,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 13 | UP | 54203 | 55A | 05 | 29 | CA | PLACER | Yard | UP | Der | T111 | | 1,120 | 5,100 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 5 |
| 14 | UP | 55553 | 55A | 06 | 25 | CA | PLACER | Yard | UP | Der | H505 | | 2,680 | 2,400 | 0 | 0 | FREIGHT TRAIN | 006 | 0 | 8 |
| 15 | UP | 55583 | 55A | 06 | 28 | CA | PLACER | Yard | UP | Der | M409 | | 2,500 | 8,300 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 1 |
| 16 | UP | 56093 | 55A | 07 | 20 | CA | PLACER | Main | UP | Der | T111 | | 840 | 10,000 | 0 | 0 | FREIGHT TRAIN | 010 | 4 | 3 |
| 17 | UP | 56363 | 55A | 07 | 23 | CA | PLACER | Yard | UP | Der | T399 | | 2,786 | 2,000 | 0 | 0 | FREIGHT TRAIN | 004 | 1 | 3 |
| 18 | UP | 56383 | 55A | 07 | 23 | CA | PLACER | Yard | UP | Oth | H306 | | 5,200 | 500 | 0 | 0 | YARD/SWITCHING | 005 | 1 | 2 |
| 19 | UP | 56693 | 55A | 07 | 27 | CA | PLACER | Yard | UP | Der | T202 | | 1,820 | 5,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 7 |
| 20 | ATK | 081483A | 55A | 08 | 14 | CA | PLACER | Yard | UP | Der | T314 | | 12,000 | 0 | 0 | 0 | PASSENGER TRAIN | 005 | 0 | 2 |
| 20 | UP | 57163 | 55A | 08 | 14 | CA | PLACER | Yard | UP | Der | E46C | | 12,000 | 100 | 0 | 0 | PASSENGER TRAIN | 000 | 0 | 2 |
| 21 | UP | 57773 | 55A | 08 | 29 | CA | PLACER | Yard | UP | Oth | H702 | | 5,000 | 0 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 0 |
| 22 | UP | 57973 | 55A | 09 | 04 | CA | PLACER | Yard | UP | Oth | M599 | | 5,380 | 2,500 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 7 |
| 23 | UP | 58293 | 55A | 09 | 26 | CA | PLACER | Yard | UP | Der | H503 | | 120,200 | 5,230 | 0 | 0 | WORK TRAIN | 003 | 0 | 7 |
| 24 | UP | 60523 | 55A | 11 | 09 | CA | PLACER | Yard | UP | Der | T110 | | 4,635 | 1,500 | 0 | 0 | WORK TRAIN | 005 | 0 | 8 |
| 25 | UP | 59983 | 55A | 11 | 10 | CA | PLACER | Main | UP | Der | E99L | | 137,150 | 64,311 | 0 | 2 | FREIGHT TRAIN | 040 | 0 | 22 |

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 26 | UP | 60713 | 55A | 12 | 03 | CA | PLACER | Yard | UP | Der | T202 | - | 3,190 | 9,320 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 6 |
| 27 | UP | 60973 | 55A | 12 | 07 | CA | PLACER | Yard | UP | Der | T001 | - | 8,800 | 9,200 | 0 | 0 | LIGHT LOCO(S) | 003 | 4 | 0 |
| 28 | UP | 60983 | 55A | 12 | 08 | CA | PLACER | Yard | UP | Der | T109 | - | 980 | 7,400 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 4 |
| 29 | UP | 61423 | 55A | 12 | 28 | CA | PLACER | Yard | UP | Der | H503 | - | 3,860 | 2,137 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 9 |

1983: Placer County, California (accidents involving cars carrying hazmat): None.

1984: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 50454 | 55A | 01 | 20 | CA | PLACER | Yard | UP | Oth | H401 | - | 4,390 | 1,200 | 0 | 0 | YARD/SWITCHING | 003 | 1 | 2 |
| 2 | UP | 53094 | 55A | 04 | 09 | CA | PLACER | Yard | UP | Der | H503 | - | 9,670 | 50,000 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 9 |
| 3 | UP | 55474 | 55A | 06 | 17 | CA | PLACER | Yard | UP | Oth | H704 | - | 35,000 | 40,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 6 |
| 4 | UP | 55854 | 55A | 06 | 22 | CA | PLACER | Yard | UP | Der | M201 | - | 4,640 | 880 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 5 | UP | 56634 | 55A | 07 | 07 | CA | PLACER | Main | UP | Der | E40C | - | 140 | 18,900 | 0 | 0 | FREIGHT TRAIN | 019 | 0 | 1 |
| 6 | UP | 62004 | 55A | 12 | 05 | CA | PLACER | Yard | UP | Der | T305 | - | 2,780 | 5,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 7 |
| 7 | UP | 61844 | 55A | 12 | 16 | CA | PLACER | Yard | UP | Der | T108 | - | 840 | 17,800 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 3 |

1984: Placer County, California (accidents involving cars carrying hazmat): None.

1985: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 50225 | 55A | 01 | 11 | CA | PLACER | Yard | UP | Der | T210 | - | 3,800 | 3,964 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |
| 2 | UP | 50235 | 55A | 01 | 12 | CA | PLACER | Yard | UP | Der | E46C | - | 2,250 | 4,380 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 7 |
| 3 | UP | 50245 | 55A | 01 | 15 | CA | PLACER | Yard | UP | Der | E35C | - | 340 | 6,329 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 1 |
| 4 | UP | 50265 | 55A | 01 | 17 | CA | PLACER | Yard | UP | Der | M405 | - | 680 | 5,280 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 2 |
| 5 | UP | 50635 | 55A | 01 | 19 | CA | PLACER | Yard | UP | Oth | T305 | - | 780 | 4,343 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 6 | UP | 51525 | 55A | 02 | 24 | CA | PLACER | Main | UP | Der | M405 | - | 150,140 | 50,000 | 0 | 0 | FREIGHT TRAIN | 039 | 0 | 8 |
| 7 | UP | 51735 | 55A | 02 | 27 | CA | PLACER | Yard | UP | Der | M405 | - | 8,240 | 4,750 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 3 |
| 8 | UP | 52375 | 55A | 03 | 10 | CA | PLACER | Yard | UP | Coll | H211 | - | 18,000 | 0 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 0 |
| 8 | UP | 52375 | 55A | 03 | 10 | CA | PLACER | Yard | UP | Coll | H211 | - | 9,300 | 2,400 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 4 |
| 9 | UP | 53685 | 55A | 04 | 15 | CA | PLACER | Yard | UP | Oth | H306 | - | 14,795 | 1,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 8 |
| 10 | UP | 55555 | 55A | 06 | 08 | CA | PLACER | Yard | UP | Der | T305 | - | 41,700 | 130 | 0 | 0 | CUT OF CARS | 005 | 0 | 5 |
| 11 | UP | 55545 | 55A | 06 | 12 | CA | PLACER | Yard | UP | Der | T308 | E40C | 1,360 | 4,609 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 12 | UP | 55775 | 55A | 06 | 26 | CA | PLACER | Main | UP | Der | E99C | - | 258,500 | 50,000 | 0 | 1 | FREIGHT TRAIN | 030 | 0 | 13 |
| 13 | UP | 59675 | 55A | 09 | 26 | CA | PLACER | Yard | UP | Oth | H307 | - | 4,090 | 2,700 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |

1985: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|-------------|---------|-----------|----------|
| 1 | UP | 55555 | 55A | 06 | 08 | CA | PLACER | Yard | UP | Der | T305 | - | 41,700 | 130 | 0 | 0 | CUT OF CARS | 005 | 0 | 5 |

1985: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|------------------------|---------------------|-------------------|-------------------|-----------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 55555 | 55A | 06 | 08 | CA | PLACER | Yard | UP | Der | T305 | | 41,700 | 130 | 0 | 0 | CUT OF CARS | 005 | 0 | 5 |

1985: Placer County, California (accidents, hazmat released): None.

1986: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|-----------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 55876 | 55A | 08 | 04 | CA | PLACER | Yard | UP | Der | T314 | | 5,190 | 3,000 | 0 | 0 | FREIGHT TRAIN | 007 | 0 | 6 |

1986: Placer County, California (accidents involving cars carrying hazmat): None.

1987: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|------------------------|--------------------|---------------------|----------------------|------------|------------------------|------------------------|-------------------|-------------------|--------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 50867 | 55A | 02 | 02 | CA | PLACER | Yard | UP | Der | T001 | | 3,720 | 5,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |
| 2 | UP | 51807 | 55A | 03 | 09 | CA | PLACER | Yard | UP | Der | T001 | | 1,840 | 16,695 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 6 |
| 3 | UP | 52457 | 55A | 04 | 06 | CA | PLACER | Main | UP | Der | M201 | | 1,500 | 17,000 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 1 |
| 4 | UP | 54127 | 55A | 06 | 15 | CA | PLACER | Siding | UP | Der | H513 | | 29,675 | 7,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 22 |
| 5 | UP | 57797 | 55A | 10 | 29 | CA | PLACER | Yard | UP | Oth | H020 | | 22,900 | 0 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 0 |
| 5 | UP | 57797 | 55A | 10 | 29 | CA | PLACER | Yard | UP | Oth | H020 | | 1,200 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 1 |
| 6 | UP | 59287 | 55A | 12 | 22 | CA | PLACER | Yard | UP | Oth | H306 | | 6,000 | 2,000 | 0 | 0 | YARD/SWITCHING | 003 | 1 | 0 |

1987: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 51807 | 55A | 03 | 09 | CA | PLACER | Yard | UP | Der | T001 | | 1,840 | 16,695 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 6 |

1987: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 51807 | 55A | 03 | 09 | CA | PLACER | Yard | UP | Der | T001 | | 1,840 | 16,695 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 6 |

1987: Placer County, California (accidents, hazmat released): None.

1988: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|----------------------|-------------------------|------------------------|-------------------|-------------------|--------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 50318 | 55A | 01 | 20 | CA | PLACER | Yard | UP | Oth | H306 | | 5,000 | 300 | 0 | 0 | WORK TRAIN | 002 | 2 | 0 |
| 2 | UP | 50458 | 55A | 02 | 20 | CA | PLACER | Yard | UP | Der | T110 | | 3,800 | 3,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 8 |
| 3 | UP | 51758 | 55A | 05 | 31 | CA | PLACER | Yard | UP | Der | T207 | | 6,925 | 900 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 5 |
| 4 | UP | 52588 | 55A | 07 | 01 | CA | PLACER | Yard | UP | Der | H017 | | 20,000 | 0 | 0 | 0 | FREIGHT TRAIN | 004 | 4 | 0 |
| 5 | UP | 53998 | 55A | 11 | 02 | CA | PLACER | Main | UP | Der | H999 | E53C | 558,550 | 95,000 | 0 | 0 | FREIGHT TRAIN | 031 | 0 | 22 |
| 6 | UP | 54568 | 55A | 12 | 27 | CA | PLACER | Yard | UP | Oth | H307 | | 8,000 | 1,140 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 1 |

1988: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|----------------------|-------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 53998 | 55A | 11 | 02 | CA | PLACER | Main | UP | Der | H999 | E53C | 558,550 | 95,000 | 0 | 0 | FREIGHT TRAIN | 031 | 0 | 22 |

1988: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|----------------------|-------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 53998 | 55A | 11 | 02 | CA | PLACER | Main | UP | Der | H999 | E53C | 558,550 | 95,000 | 0 | 0 | FREIGHT TRAIN | 031 | 0 | 22 |

1988: Placer County, California (accidents, hazmat released):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|----------------------|-------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 53998 | 55A | 11 | 02 | CA | PLACER | Main | UP | Der | H999 | E53C | 558,550 | 95,000 | 0 | 0 | FREIGHT TRAIN | 031 | 0 | 22 |

1988: Placer County, California (accidents, people evacuated):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|----------------------|-------------------------|------------------------|-------------------|-------------------|-------------------------------|---------------------|-------------------|--------------------|
| 1 | UP | 53998 | 55A | 11 | 02 | CA | PLACER | Main | UP | Der | H999 | E53C | 558,550 | 95,000 | 0 | 0 | FREIGHT TRAIN | 031 | 0 | 22 |

1989: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|----------------------|----------------------|----------------------|------------------------|------------------------|-------------------|-------------------|--------------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 52399 | 55A | 04 | 04 | CA | PLACER | Yard | UP | Oth | H702 | - | 7,430 | 800 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 2 | UP | 54049 | 55A | 06 | 07 | CA | PLACER | Yard | UP | Der | M405 | - | 3,085 | 3,874 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 6 |
| 3 | UP | 55029 | 55A | 07 | 28 | CA | PLACER | Yard | UP | Der | M407 | - | 10,544 | 400 | 0 | 0 | FREIGHT TRAIN | 009 | 0 | 3 |
| 4 | UP | 55639 | 55A | 08 | 06 | CA | PLACER | Yard | UP | Der | H021 | H102 | 11,216 | 1,000 | 0 | 1 | CUT OF CARS | 001 | 0 | 4 |
| 5 | UP | 56219 | 55A | 09 | 02 | CA | PLACER | Yard | UP | Der | E07C | - | 2,387 | 11,811 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 6 |
| 6 | UP | 57239 | 55A | 11 | 01 | CA | PLACER | Yard | UP | Coll | H306 | - | 14,762 | 0 | 0 | 0 | WORK TRAIN | 001 | 0 | 0 |
| 7 | UP | 58069 | 55A | 12 | 20 | CA | PLACER | Main | UP | Der | M599 | - | 2,215 | 6,934 | 0 | 0 | WORK TRAIN | 005 | 0 | 4 |

1989: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|----------------------|----------------------|------------|------------------------|-----------------------|-------------------|-------------------|----------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 57239 | 55A | 11 | 01 | CA | PLACER | Yard | UP | Coll | H306 | - | 14,762 | 0 | 0 | 0 | WORK TRAIN | 001 | 0 | 0 |
| 2 | UP | 58069 | 55A | 12 | 20 | CA | PLACER | Main | UP | Der | M599 | - | 2,215 | 6,934 | 0 | 0 | WORK TRAIN | 005 | 0 | 4 |

1989: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-------------------|--------------------|-----------------------|---------------------|--------------------|--------------------|--------------------|------------------------|----------------------|--------------------|---------------------|----------------------|------------|-----------------------|-----------------------|-------------------|-------------------|----------------------------|---------------------|-------------------|-------------------|
| 1 | UP | 58069 | 55A | 12 | 20 | CA | PLACER | Main | UP | Der | M599 | - | 2,215 | 6,934 | 0 | 0 | WORK TRAIN | 005 | 0 | 4 |

1989: Placer County, California (accidents, hazmat released): None.

1990: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | A1880 | 55A | 04 | 30 | CA | PLACER | Yard | UP | Der | H306 | | 10,230 | 800 | 0 | 0 | FREIGHT TRAIN | 001 | 0 | 4 |
| 2 | UP | A3060 | 55A | 07 | 22 | CA | PLACER | Main | UP | Der | E46C | | 500 | 220,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 1 |
| 3 | UP | A3040 | 55A | 07 | 25 | CA | PLACER | Yard | UP | Oth | H702 | | 53,300 | 500 | 0 | 0 | YARD/SWITCHING | 004 | 1 | 0 |
| 4 | UP | A3080 | 55A | 07 | 28 | CA | PLACER | Main | UP | Der | E46C | | 1,500 | 20,000 | 0 | 0 | FREIGHT TRAIN | 017 | 0 | 1 |
| 5 | UP | A3110 | 55A | 07 | 31 | CA | PLACER | Yard | UP | Der | H799 | | 7,035 | 1,200 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 6 | UP | A3850 | 55A | 09 | 20 | CA | PLACER | Main | UP | Coll | H307 | | 800,000 | 0 | 0 | 0 | LIGHT LOCO(S) | 010 | 0 | 0 |
| 7 | UP | A4720 | 55A | 12 | 12 | CA | PLACER | Yard | UP | Der | T110 | | 9,080 | 3,000 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 3 |
| 8 | UP | V9640 | 55A | 12 | 27 | CA | PLACER | Yard | UP | Coll | H702 | | 3,500 | 0 | 0 | 3 | LIGHT LOCO(S) | 003 | 0 | 0 |
| 8 | UP | V9640 | 55A | 12 | 27 | CA | PLACER | Yard | UP | Coll | H702 | | 2,500 | 0 | 0 | 3 | LIGHT LOCO(S) | 003 | 0 | 0 |

1990: Placer County, California (accidents involving cars carrying hazmat): None.

1991: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B0301 | 55A | 01 | 25 | CA | PLACER | Main | UP | Oth | H402 | | 11,150 | 0 | 0 | 1 | SINGLE CAR | 003 | 0 | 0 |
| 1 | UP | B0301 | 55A | 01 | 25 | CA | PLACER | Main | UP | Oth | H402 | | 600 | 0 | 0 | 1 | SINGLE CAR | 003 | 0 | 0 |
| 2 | UP | B0421 | 55A | 02 | 03 | CA | PLACER | Yard | UP | Oth | E08L | | 14,800 | 600 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 3 | UP | B0791 | 55A | 03 | 27 | CA | PLACER | Yard | UP | Oth | M407 | | 53,100 | 100 | 0 | 0 | YARD/SWITCHING | 008 | 0 | 1 |
| 4 | UP | B1121 | 55A | 04 | 11 | CA | PLACER | Yard | UP | Oth | H018 | | 11,150 | 300 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |
| 5 | UP | B1681 | 55A | 06 | 15 | CA | PLACER | Main | UP | Oth | H702 | | 0 | 10,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 0 |
| 6 | UP | B1751 | 55A | 06 | 20 | CA | PLACER | Yard | UP | Der | M407 | | 11,450 | 0 | 0 | 0 | CUT OF CARS | 010 | 0 | 1 |
| 7 | UP | B2151 | 55A | 07 | 28 | CA | PLACER | Yard | UP | Der | H020 | | 13,000 | 500 | 0 | 0 | CUT OF CARS | 005 | 0 | 2 |
| 8 | UP | B2391 | 55A | 08 | 05 | CA | PLACER | Main | UP | Der | E40C | | 1,000 | 10,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 1 |
| 9 | UP | B3311 | 55A | 10 | 03 | CA | PLACER | Yard | UP | Der | M407 | | 16,800 | 600 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 2 |
| 10 | UP | B3291 | 55A | 10 | 31 | CA | PLACER | Yard | UP | Der | T220 | | 1,810 | 6,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 7 |

1991: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B1121 | 55A | 04 | 11 | CA | PLACER | Yard | UP | Oth | H018 | | 11,150 | 300 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |
| 2 | UP | B3311 | 55A | 10 | 03 | CA | PLACER | Yard | UP | Der | M407 | | 16,800 | 600 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 2 |
| 3 | UP | B3291 | 55A | 10 | 31 | CA | PLACER | Yard | UP | Der | T220 | | 1,810 | 6,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 7 |

1991: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B1121 | 55A | 04 | 11 | CA | PLACER | Yard | UP | Oth | H018 | | 11,150 | 300 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |
| 2 | UP | B3311 | 55A | 10 | 03 | CA | PLACER | Yard | UP | Der | M407 | | 16,800 | 600 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 2 |
| 3 | UP | B3291 | 55A | 10 | 31 | CA | PLACER | Yard | UP | Der | T220 | | 1,810 | 6,000 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 7 |

1991: Placer County, California (accidents, hazmat released): None.

1992: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B0562 | 55A | 02 | 07 | CA | PLACER | Yard | UP | Der | H312 | H399 | 18,700 | 100 | 0 | 0 | SINGLE CAR | 006 | 0 | 2 |
| 2 | UP | B1392 | 55A | 04 | 02 | CA | PLACER | Yard | UP | Der | T202 | - | 967 | 12,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 7 |
| 3 | UP | B1282 | 55A | 04 | 11 | CA | PLACER | Main | UP | Der | E24C | - | 44,000 | 60,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 3 |
| 4 | UP | B2802 | 55A | 08 | 01 | CA | PLACER | Yard | UP | Der | M405 | - | 2,350 | 12,000 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 5 |
| 5 | UP | B2812 | 55A | 08 | 10 | CA | PLACER | Yard | UP | Der | M405 | H503 | 10,100 | 50,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 9 |
| 6 | UP | B2942 | 55A | 08 | 26 | CA | PLACER | Yard | UP | Coll | H302 | - | 7,000 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 1 |
| 6 | UP | B2942 | 55A | 08 | 26 | CA | PLACER | Yard | UP | Coll | H302 | - | 1,000 | 0 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 0 |

1992: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B2942 | 55A | 08 | 26 | CA | PLACER | Yard | UP | Coll | H302 | - | 7,000 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 1 |
| 1 | UP | B2942 | 55A | 08 | 26 | CA | PLACER | Yard | UP | Coll | H302 | - | 1,000 | 0 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 0 |

1992: Placer County, California (accidents, cars carrying hazmat/damaged): None.

1993: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B0923 | 55A | 05 | 09 | CA | PLACER | Main | UP | Der | H701 | - | 3,286 | 7,000 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 5 |
| 2 | UP | B1093 | 55A | 05 | 31 | CA | PLACER | Yard | UP | Der | T001 | - | 1,800 | 5,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |
| 3 | UP | B1613 | 55A | 08 | 24 | CA | PLACER | Yard | UP | Der | M405 | - | 2,500 | 4,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |
| 4 | UP | B2173 | 55A | 11 | 17 | CA | PLACER | Yard | UP | Oth | H306 | - | 37,200 | 2,500 | 0 | 1 | YARD/SWITCHING | 005 | 0 | 2 |
| 5 | UP | B2313 | 55A | 12 | 17 | CA | PLACER | Main | UP | Der | H525 | H504 | 40,000 | 0 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 2 |

1993: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B2173 | 55A | 11 | 17 | CA | PLACER | Yard | UP | Oth | H306 | - | 37,200 | 2,500 | 0 | 1 | YARD/SWITCHING | 005 | 0 | 2 |

1993: Placer County, California (accidents, cars carrying hazmat/damaged): None.

1994: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B0534 | 55A | 02 | 25 | CA | PLACER | Yard | UP | Coll | H399 | - | 10,400 | 1,000 | 0 | 1 | YARD/SWITCHING | 000 | 0 | 0 |
| 1 | UP | B0534 | 55A | 02 | 25 | CA | PLACER | Yard | UP | Coll | H399 | - | 3,000 | 0 | 0 | 1 | YARD/SWITCHING | 003 | 0 | 1 |
| 2 | UP | B0674 | 55A | 03 | 19 | CA | PLACER | Yard | UP | Der | T110 | - | 10,150 | 2,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 4 |
| 3 | UP | B0814 | 55A | 04 | 08 | CA | PLACER | Main | UP | Oth | M399 | - | 15,000 | 7,000 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 0 |
| 4 | UP | B1104 | 55A | 06 | 04 | CA | PLACER | Yard | UP | Der | H306 | - | 9,578 | 1,200 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 6 |
| 5 | UP | B1594 | 55A | 07 | 24 | CA | PLACER | Yard | UP | Der | T216 | - | 800 | 20,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 6 | UP | B1584 | 55A | 07 | 26 | CA | PLACER | Main | UP | Der | H503 | - | 59,921 | 15,000 | 0 | 1 | FREIGHT TRAIN | 030 | 0 | 6 |
| 7 | UP | B1694 | 55A | 07 | 31 | CA | PLACER | Yard | UP | Der | T311 | - | 9,000 | 1,500 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 8 | UP | B1974 | 55A | 08 | 30 | CA | PLACER | Yard | UP | Der | H503 | - | 17,775 | 1,200 | 0 | 1 | YARD/SWITCHING | 005 | 0 | 3 |
| 9 | UP | B2074 | 55A | 09 | 15 | CA | PLACER | Yard | UP | Coll | H399 | - | 4,700 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 1 | 1 |
| 9 | UP | B2074 | 55A | 09 | 15 | CA | PLACER | Yard | UP | Coll | H399 | - | 3,000 | 0 | 0 | 0 | CUT OF CARS | 008 | 0 | 1 |
| 10 | UP | B2194 | 55A | 10 | 22 | CA | PLACER | Yard | UP | Coll | H020 | - | 182,500 | 0 | 0 | 0 | CUT OF CARS | 008 | 0 | 6 |
| 10 | UP | B2194 | 55A | 10 | 22 | CA | PLACER | Yard | UP | Coll | H020 | - | 33,000 | 1,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 1 |
| 11 | UP | B2214 | 55A | 10 | 24 | CA | PLACER | Yard | UP | Der | H702 | - | 10,600 | 0 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 12 | UP | B2624 | 55A | 12 | 12 | CA | PLACER | Main | UP | Der | M599 | - | 56,858 | 10,000 | 0 | 2 | FREIGHT TRAIN | 040 | 0 | 5 |
| 13 | UP | B2644 | 55A | 12 | 17 | CA | PLACER | Yard | UP | Der | M409 | - | 10,594 | 1,500 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 4 |
| 14 | UP | B2724 | 55A | 12 | 24 | CA | PLACER | Yard | UP | Der | T110 | - | 22,712 | 800 | 0 | 0 | FREIGHT TRAIN | 005 | 3 | 4 |

1994: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B1594 | 55A | 07 | 24 | CA | PLACER | Yard | UP | Der | T216 | - | 800 | 20,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 2 | UP | B1694 | 55A | 07 | 31 | CA | PLACER | Yard | UP | Der | T311 | - | 9,000 | 1,500 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |
| 3 | UP | B2074 | 55A | 09 | 15 | CA | PLACER | Yard | UP | Coll | H399 | - | 4,700 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 1 | 1 |
| 3 | UP | B2074 | 55A | 09 | 15 | CA | PLACER | Yard | UP | Coll | H399 | - | 3,000 | 0 | 0 | 0 | CUT OF CARS | 008 | 0 | 1 |

1994: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | B1694 | 55A | 07 | 31 | CA | PLACER | Yard | UP | Der | T311 | - | 9,000 | 1,500 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 3 |

1994: Placer County, California (accidents, hazmat released): None.

1995: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B0045 | 55A | 01 | 11 | CA | PLACER | Main | UP | Der | T499 | - | 8,273 | 700 | 0 | 0 | WORK TRAIN | 012 | 2 | 0 |
| 2 | UP | B0275 | 55A | 01 | 28 | CA | PLACER | Yard | UP | Der | M409 | - | 5,604 | 1,200 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 7 |
| 3 | UP | B0295 | 55A | 01 | 29 | CA | PLACER | Yard | UP | Oth | H104 | - | 7,772 | 2,500 | 0 | 0 | YARD/SWITCHING | 002 | 1 | 0 |
| 4 | UP | P0465 | 55A | 04 | 23 | CA | PLACER | Yard | UP | Oth | M505 | - | 8,700 | 0 | 0 | 1 | LIGHT LOCO(S) | 000 | 0 | 0 |
| 4 | UP | P0465 | 55A | 04 | 23 | CA | PLACER | Yard | UP | Oth | M505 | - | 7,500 | 0 | 0 | 1 | LIGHT LOCO(S) | 010 | 0 | 0 |
| 5 | UP | B0905 | 55A | 04 | 27 | CA | PLACER | Yard | UP | Coll | H210 | - | 8,500 | 2,311 | 0 | 0 | LIGHT LOCO(S) | 003 | 1 | 0 |
| 5 | UP | B0905 | 55A | 04 | 27 | CA | PLACER | Yard | UP | Coll | H210 | - | 0 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 0 |
| 6 | UP | B1005 | 55A | 06 | 03 | CA | PLACER | Main | UP | Oth | H499 | - | 40,000 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 0 |
| 6 | UP | B1005 | 55A | 06 | 03 | CA | PLACER | Main | UP | Oth | H499 | - | 0 | 0 | 0 | 0 | LIGHT LOCO(S) | 020 | 0 | 0 |
| 7 | UP | B1025 | 55A | 06 | 10 | CA | PLACER | Yard | UP | Der | E0HC | - | 4,807 | 3,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 2 |
| 8 | UP | B1065 | 55A | 06 | 15 | CA | PLACER | Yard | UP | Der | T202 | - | 15,494 | 3,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 6 |
| 9 | UP | B1175 | 55A | 07 | 01 | CA | PLACER | Yard | UP | Der | T308 | - | 11,600 | 6,000 | 0 | 0 | FREIGHT TRAIN | 006 | 0 | 8 |
| 10 | UP | B1205 | 55A | 07 | 04 | CA | PLACER | Yard | UP | Der | M205 | - | 7,574 | 0 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |
| 11 | UP | B1245 | 55A | 07 | 13 | CA | PLACER | Yard | UP | Der | H702 | - | 10,413 | 3,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |
| 12 | UP | B1515 | 55A | 09 | 10 | CA | PLACER | Yard | UP | Der | E07C | - | 6,557 | 1,200 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 1 |
| 13 | UP | B1525 | 55A | 09 | 10 | CA | PLACER | Main | UP | Der | H701 | - | 4,400 | 8,200 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 4 |
| 14 | UP | B1535 | 55A | 09 | 14 | CA | PLACER | Siding | UP | Der | E08C | - | 4,510 | 2,000 | 0 | 0 | SINGLE CAR | 020 | 0 | 1 |
| 15 | UP | B1985 | 55A | 12 | 11 | CA | PLACER | Yard | UP | Oth | M407 | - | 19,000 | 675 | 0 | 0 | CUT OF CARS | 010 | 0 | 3 |

1995: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B1525 | 55A | 09 | 10 | CA | PLACER | Main | UP | Der | H701 | - | 4,400 | 8,200 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 4 |

1995: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | B1525 | 55A | 09 | 10 | CA | PLACER | Main | UP | Der | H701 | - | 4,400 | 8,200 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 4 |

1995: Placer County, California (accidents, hazmat released): None.

1996: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|-----------------|---------|-----------|----------|
| 1 | UP | B0076 | 55A | 01 | 15 | CA | PLACER | Yard | UP | Der | T110 | - | 6,463 | 1,100 | 0 | 0 | FREIGHT TRAIN | 005 | 1 | 6 |
| 2 | UP | B0586 | 55A | 04 | 19 | CA | PLACER | Yard | UP | Der | T202 | - | 10,517 | 2,100 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 9 |
| 3 | UP | B0906 | 55A | 06 | 03 | CA | PLACER | Main | UP | Oth | H402 | - | 0 | 7,500 | 0 | 0 | SINGLE CAR | 005 | 0 | 0 |
| 4 | UP | B1256 | 55A | 08 | 31 | CA | PLACER | Yard | UP | Der | H503 | - | 12,250 | 1,800 | 0 | 0 | FREIGHT TRAIN | 004 | 0 | 9 |
| 5 | ATK | 61223NORAA | 55A | 12 | 23 | CA | PLACER | Main | UP | Der | M101 | - | 8,000 | 0 | 0 | 0 | PASSENGER TRAIN | 020 | 0 | 1 |
| 5 | UP | B1786 | 55A | 12 | 23 | CA | PLACER | Main | UP | Der | M101 | - | 0 | 1,000 | 0 | 0 | NOT RPD OR N/A | 000 | 0 | 0 |
| 6 | ATK | 61225WSDAA | 55A | 12 | 25 | CA | PLACER | Yard | UP | Der | M505 | - | 16,882 | 0 | 0 | 0 | PASSENGER TRAIN | 005 | 1 | 0 |
| 6 | UP | 1296RS077 | 55A | 12 | 25 | CA | PLACER | Yard | UP | Der | M505 | - | 0 | 0 | 0 | 0 | NOT RPD | 000 | 0 | 0 |

1996: Placer County, California (accidents involving cars carrying hazmat): None.

1997: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 1097RS017 | 55A | 10 | 15 | CA | PLACER | Yard | UP | Der | T110 | - | 39,485 | 200,000 | 0 | 0 | FREIGHT TRAIN | 006 | 0 | 15 |
| 2 | UP | 1297RS001 | 55A | 12 | 01 | CA | PLACER | Yard | UP | Der | T314 | - | 4,450 | 5,000 | 0 | 0 | FREIGHT TRAIN | 003 | 2 | 1 |
| 3 | UP | 1297RS019 | 55A | 12 | 24 | CA | PLACER | Yard | UP | Oth | H306 | - | 7,000 | 200 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 5 |

1997: Placer County, California (accidents involving cars carrying hazmat): None.

1998: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0198RS004 | 55A | 01 | 04 | CA | PLACER | Yard | UP | Der | M405 | - | 7,550 | 0 | 0 | 0 | CUT OF CARS | 007 | 0 | 8 |
| 2 | UP | 0398RS007 | 55A | 03 | 06 | CA | PLACER | Yard | UP | Der | M405 | - | 800 | 20,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 10 |
| 3 | UP | 0398RS011 | 55A | 03 | 09 | CA | PLACER | Yard | UP | Oth | H704 | - | 1,200 | 10,000 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 2 |
| 4 | UP | 0398RS017 | 55A | 03 | 13 | CA | PLACER | Yard | UP | Der | T110 | - | 3,840 | 54,200 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 4 |
| 5 | UP | 0698RS016 | 55A | 06 | 15 | CA | PLACER | Main | UP | Der | M599 | - | 1,600 | 22,000 | 0 | 0 | FREIGHT TRAIN | 047 | 0 | 1 |
| 6 | UP | 1198RS019 | 55A | 11 | 19 | CA | PLACER | Yard | UP | Der | M503 | - | 8,500 | 0 | 0 | 0 | FREIGHT TRAIN | 014 | 3 | 0 |
| 7 | UP | 1198RS039 | 55A | 11 | 30 | CA | PLACER | Yard | UP | Oth | T210 | - | 480 | 8,000 | 0 | 0 | FREIGHT TRAIN | 003 | 0 | 4 |
| 8 | UP | 1298RS030 | 55A | 12 | 15 | CA | PLACER | Main | UP | Der | T110 | - | 300 | 15,800 | 0 | 0 | FREIGHT TRAIN | 024 | 0 | 1 |

1998: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0698RS016 | 55A | 06 | 15 | CA | PLACER | Main | UP | Der | M599 | - | 1,600 | 22,000 | 0 | 0 | FREIGHT TRAIN | 047 | 0 | 1 |
| 2 | UP | 1298RS030 | 55A | 12 | 15 | CA | PLACER | Main | UP | Der | T110 | - | 300 | 15,800 | 0 | 0 | FREIGHT TRAIN | 024 | 0 | 1 |

1998: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1298RS030 | 55A | 12 | 15 | CA | PLACER | Main | UP | Der | T110 | - | 300 | 15,800 | 0 | 0 | FREIGHT TRAIN | 024 | 0 | 1 |

1998: Placer County, California (accidents, hazmat released): None.

1999: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0199RS013 | 55A | 01 | 18 | CA | PLACER | Yard | UP | Oth | H702 | - | 14,000 | 750 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 1 |
| 2 | UP | 0499RS075 | 55A | 04 | 29 | CA | PLACER | Yard | UP | Der | H212 | - | 15,000 | 0 | 0 | 0 | LIGHT LOCO(S) | 010 | 1 | 0 |
| 3 | UP | 0899RS066 | 55A | 08 | 27 | CA | PLACER | Yard | UP | Coll | S099 | - | 32,056 | 3,700 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 3 |
| 3 | UP | 0899RS066 | 55A | 08 | 27 | CA | PLACER | Yard | UP | Coll | S099 | - | 2,821 | 0 | 0 | 0 | YARD/SWITCHING | 006 | 0 | 1 |
| 4 | UP | 1099RS057 | 55A | 10 | 31 | CA | PLACER | Yard | UP | Oth | H602 | - | 24,124 | 0 | 0 | 1 | FREIGHT TRAIN | 009 | 0 | 0 |
| 5 | UP | 1299RS019 | 55A | 12 | 12 | CA | PLACER | Main | UP | Der | E67C | - | 155,580 | 100,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 8 |

1999: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0199RS013 | 55A | 01 | 18 | CA | PLACER | Yard | UP | Oth | H702 | - | 14,000 | 750 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 1 |
| 2 | UP | 1299RS019 | 55A | 12 | 12 | CA | PLACER | Main | UP | Der | E67C | - | 155,580 | 100,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 8 |

1999: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0199RS013 | 55A | 01 | 18 | CA | PLACER | Yard | UP | Oth | H702 | - | 14,000 | 750 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 1 |
| 2 | UP | 1299RS019 | 55A | 12 | 12 | CA | PLACER | Main | UP | Der | E67C | - | 155,580 | 100,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 8 |

1999: Placer County, California (accidents, hazmat released): None.

2000: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0200RS049 | 55A | 02 | 23 | CA | PLACER | Yard | UP | Der | S002 | E46C | 92 | 24,061 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 1 |
| 2 | UP | 0300RS010 | 55A | 03 | 06 | CA | PLACER | Main | UP | Der | H504 | - | 13,800 | 5,200 | 0 | 0 | FREIGHT TRAIN | 017 | 0 | 1 |
| 3 | UP | 0600RS022 | 55A | 06 | 16 | CA | PLACER | Main | UP | Der | H509 | E53C | 1,581 | 380,762 | 0 | 0 | FREIGHT TRAIN | 012 | 0 | 1 |
| 4 | UP | 0900RS032 | 55A | 09 | 20 | CA | PLACER | Yard | UP | Oth | S007 | - | 9,565 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 1 |
| 4 | UP | 0900RS032 | 55A | 09 | 20 | CA | PLACER | Yard | UP | Oth | S007 | - | 5,964 | 30,000 | 0 | 0 | YARD/SWITCHING | 008 | 0 | 1 |

2000: Placer County, California (accidents involving cars carrying hazmat): None.

2001: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0101RS003 | 55A | 01 | 06 | CA | PLACER | Main | UP | Der | E67C | - | 4,774 | 15,096 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |
| 2 | UP | 0301RS016 | 55A | 03 | 05 | CA | PLACER | Main | UP | Oth | M402 | - | 22,134 | 0 | 0 | 0 | FREIGHT TRAIN | 050 | 0 | 0 |
| 3 | UP | 0401RS029 | 55A | 04 | 24 | CA | PLACER | Yard | UP | Der | H704 | - | 15,931 | 23,000 | 0 | 0 | YARD/SWITCHING | 009 | 0 | 3 |
| 4 | UP | 0501RS035 | 55A | 05 | 24 | CA | PLACER | Yard | UP | Der | T403 | - | 24,385 | 32,073 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 4 |
| 5 | UP | 0601RS010 | 55A | 06 | 07 | CA | PLACER | Main | UP | Der | M405 | - | 2,210 | 842,196 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 1 |
| 6 | UP | 0701RS015 | 55A | 07 | 11 | CA | PLACER | Main | UP | Der | T199 | - | 219,765 | 331,808 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 10 |
| 7 | UP | 0801RS006 | 55A | 08 | 11 | CA | PLACER | Main | UP | Der | E99L | - | 36,178 | 7,250 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |
| 8 | UP | 0901RS007 | 55A | 09 | 07 | CA | PLACER | Yard | UP | Coll | H702 | - | 197,170 | 109,941 | 0 | 0 | YARD/SWITCHING | 011 | 0 | 10 |
| 8 | UP | 0901RS007 | 55A | 09 | 07 | CA | PLACER | Yard | UP | Coll | H702 | - | 1,300 | 0 | 0 | 0 | FREIGHT TRAIN | 000 | 0 | 0 |
| 9 | UP | 0901RS012 | 55A | 09 | 09 | CA | PLACER | Main | UP | Der | M405 | T222 | 9,596 | 13,000 | 0 | 0 | FREIGHT TRAIN | 016 | 0 | 4 |
| 10 | UP | 1001RS014 | 55A | 10 | 20 | CA | PLACER | Main | UP | Der | T110 | M405 | 88,931 | 69,487 | 0 | 0 | FREIGHT TRAIN | 012 | 0 | 10 |
| 11 | ATK | 071328 | 55A | 11 | 30 | CA | PLACER | Yard | UP | Oth | M404 | - | 41,300 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 0 |
| 11 | UP | 1101RS041 | 55A | 11 | 30 | CA | PLACER | Yard | UP | Oth | M599 | - | 0 | 150 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 0 |

2001: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0101RS003 | 55A | 01 | 06 | CA | PLACER | Main | UP | Der | E67C | - | 4,774 | 15,096 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |
| 2 | UP | 0601RS010 | 55A | 06 | 07 | CA | PLACER | Main | UP | Der | M405 | - | 2,210 | 842,196 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 1 |
| 3 | UP | 0801RS006 | 55A | 08 | 11 | CA | PLACER | Main | UP | Der | E99L | - | 36,178 | 7,250 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |
| 4 | UP | 0901RS012 | 55A | 09 | 09 | CA | PLACER | Main | UP | Der | M405 | T222 | 9,596 | 13,000 | 0 | 0 | FREIGHT TRAIN | 016 | 0 | 4 |

2001: Placer County, California (accidents, cars carrying hazmat/damaged): None.

2002: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0402RS020 | 55A | 04 | 14 | CA | PLACER | Yard | UP | Oth | S099 | - | 8,743 | 500 | 0 | 0 | LIGHT LOCO(S) | 006 | 1 | 0 |
| 1 | UP | 0402RS020 | 55A | 04 | 14 | CA | PLACER | Yard | UP | Oth | S099 | - | 1,500 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 0 |
| 2 | UP | 0502RS018 | 55A | 05 | 12 | CA | PLACER | Main | UP | Der | E40C | - | 78,888 | 198,162 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 8 |
| 3 | UP | 0502RS019 | 55A | 05 | 14 | CA | PLACER | Main | UP | Der | T102 | - | 7,429 | 1,725 | 0 | 0 | FREIGHT TRAIN | 019 | 0 | 2 |
| 4 | UP | 0502RS030 | 55A | 05 | 23 | CA | PLACER | Yard | UP | Der | H305 | - | 9,270 | 5,100 | 0 | 0 | YARD/SWITCHING | 012 | 2 | 1 |
| 5 | UP | 0902RS003 | 55A | 09 | 01 | CA | PLACER | Yard | UP | Coll | H306 | - | 104,176 | 2,500 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 2 |
| 5 | UP | 0902RS003 | 55A | 09 | 01 | CA | PLACER | Yard | UP | Coll | H306 | - | 15,283 | 0 | 0 | 0 | YARD/SWITCHING | 000 | 0 | 0 |
| 6 | UP | 0902RS006 | 55A | 09 | 08 | CA | PLACER | Main | UP | Der | E04C | - | 165,401 | 199,733 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 21 |
| 7 | UP | 1002RS005 | 55A | 10 | 05 | CA | PLACER | Main | UP | Der | T199 | - | 217,250 | 141,483 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 13 |
| 8 | UP | 1002RS009 | 55A | 10 | 08 | CA | PLACER | Yard | UP | Coll | H702 | - | 309,603 | 92,697 | 0 | 0 | YARD/SWITCHING | 015 | 0 | 7 |
| 8 | UP | 1002RS009 | 55A | 10 | 08 | CA | PLACER | Yard | UP | Coll | H702 | - | 49,223 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 3 |
| 9 | UP | 1202RS022 | 55A | 12 | 20 | CA | PLACER | Main | UP | Der | H519 | - | 2,305 | 8,000 | 0 | 0 | FREIGHT TRAIN | 011 | 0 | 1 |
| 9 | UP | 1202RS022 | 55A | 12 | 20 | CA | PLACER | Main | UP | Der | H519 | - | 1,000 | 0 | 0 | 0 | FREIGHT TRAIN | 012 | 0 | 0 |
| 10 | UP | 1202RS030 | 55A | 12 | 30 | CA | PLACER | Main | UP | Der | M405 | - | 91,124 | 10,689 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 5 |

2002: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0502RS018 | 55A | 05 | 12 | CA | PLACER | Main | UP | Der | E40C | - | 78,888 | 198,162 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 8 |
| 2 | UP | 1202RS022 | 55A | 12 | 20 | CA | PLACER | Main | UP | Der | H519 | - | 2,305 | 8,000 | 0 | 0 | FREIGHT TRAIN | 011 | 0 | 1 |
| 2 | UP | 1202RS022 | 55A | 12 | 20 | CA | PLACER | Main | UP | Der | H519 | - | 1,000 | 0 | 0 | 0 | FREIGHT TRAIN | 012 | 0 | 0 |
| 3 | UP | 1202RS030 | 55A | 12 | 30 | CA | PLACER | Main | UP | Der | M405 | - | 91,124 | 10,689 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 5 |

2002: Placer County, California (accidents, cars carrying hazmat/damaged): None.

2003: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0103RS026 | 55A | 01 | 29 | CA | PLACER | Main | UP | Der | M204 | - | 2,059 | 142,000 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 1 |
| 2 | UP | 0203RS003 | 55A | 02 | 08 | CA | PLACER | Main | UP | Der | E29C | - | 18,661 | 0 | 0 | 0 | FREIGHT TRAIN | 008 | 0 | 1 |
| 3 | UP | 0303RS020 | 55A | 03 | 18 | CA | PLACER | Yard | UP | Der | H702 | - | 90,000 | 10,800 | 0 | 0 | LIGHT LOCO(S) | 010 | 1 | 0 |
| 4 | UP | 0403RS014 | 55A | 04 | 15 | CA | PLACER | Yard | UP | Der | H306 | H702 | 45,850 | 23,145 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 3 |
| 4 | UP | 0403RS014 | 55A | 04 | 15 | CA | PLACER | Yard | UP | Der | H306 | H702 | 3,597 | 0 | 0 | 0 | LIGHT LOCO(S) | 000 | 1 | 0 |
| 5 | UP | 0403RS024 | 55A | 04 | 22 | CA | PLACER | Main | UP | Der | M405 | - | 359,031 | 1064096 | 0 | 0 | FREIGHT TRAIN | 016 | 0 | 13 |
| 6 | UP | 0603RS016 | 55A | 06 | 14 | CA | PLACER | Yard | UP | Coll | H211 | - | 100,000 | 0 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 0 |
| 6 | UP | 0603RS016 | 55A | 06 | 14 | CA | PLACER | Yard | UP | Coll | H211 | - | 36,494 | 72,960 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 5 |
| 7 | UP | 0703RS009 | 55A | 07 | 10 | CA | PLACER | Yard | UP | Der | H306 | - | 18,885 | 1,400 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 8 |
| 8 | UP | 0803RS016 | 55A | 08 | 13 | CA | PLACER | Main | UP | Der | T110 | - | 248,485 | 261,500 | 0 | 0 | FREIGHT TRAIN | 019 | 2 | 11 |
| 9 | UP | 0803RS024 | 55A | 08 | 19 | CA | PLACER | Main | UP | Der | E21C | - | 17,114 | 300 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 1 |
| 10 | UP | 0803RS022 | 55A | 08 | 20 | CA | PLACER | Yard | UP | Coll | H399 | - | 6,493 | 3,000 | 0 | 0 | LIGHT LOCO(S) | 000 | 0 | 0 |
| 10 | UP | 0803RS022 | 55A | 08 | 20 | CA | PLACER | Yard | UP | Coll | H399 | - | 2,544 | 0 | 0 | 0 | YARD/SWITCHING | 015 | 0 | 0 |
| 11 | UP | 0803RS031 | 55A | 08 | 25 | CA | PLACER | Yard | UP | Der | H704 | - | 10,061 | 1,000 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 4 |
| 12 | UP | 0803RS033 | 55A | 08 | 27 | CA | PLACER | Yard | UP | Oth | H307 | - | 22,487 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 0 |
| 12 | UP | 0803RS033 | 55A | 08 | 27 | CA | PLACER | Yard | UP | Oth | H307 | - | 0 | 0 | 0 | 0 | LIGHT LOCO(S) | 014 | 0 | 0 |
| 13 | UP | 0903RS035 | 55A | 09 | 28 | CA | PLACER | Yard | UP | Der | T110 | - | 0 | 119,600 | 0 | 0 | LIGHT LOCO(S) | 004 | 2 | 0 |
| 14 | UP | 1003RS006 | 55A | 10 | 09 | CA | PLACER | Yard | UP | Oth | H305 | - | 26,000 | 6,000 | 0 | 0 | LIGHT LOCO(S) | 003 | 1 | 0 |
| 14 | UP | 1003RS006 | 55A | 10 | 09 | CA | PLACER | Yard | UP | Oth | H305 | - | 18,165 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 0 |
| 15 | UP | 1103RS007 | 55A | 11 | 11 | CA | PLACER | Yard | UP | Der | H020 | - | 16,098 | 3,746 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 2 |
| 16 | UP | 1103RS014 | 55A | 11 | 14 | CA | PLACER | Yard | UP | Der | H017 | - | 36,806 | 8,000 | 0 | 0 | LIGHT LOCO(S) | 005 | 1 | 0 |
| 17 | UP | 1203RS001 | 55A | 12 | 03 | CA | PLACER | Yard | UP | Coll | H306 | - | 50,331 | 22,000 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 3 |
| 17 | UP | 1203RS001 | 55A | 12 | 03 | CA | PLACER | Yard | UP | Coll | H306 | - | 3,781 | 0 | 0 | 0 | YARD/SWITCHING | 004 | 1 | 0 |
| 18 | UP | 1203RS025 | 55A | 12 | 16 | CA | PLACER | Main | UP | Der | E51C | - | 1134294 | 288,547 | 0 | 0 | FREIGHT TRAIN | 048 | 0 | 27 |

2003: Placer County, California (accidents involving cars carrying hazmat): None.

2004: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|-----------------|---------|-----------|----------|
| 1 | ATK | 090899 | 55A | 01 | 01 | CA | PLACER | Main | UP | Der | M101 | - | 7,854 | 0 | 0 | 1 | PASSENGER TRAIN | 010 | 0 | 1 |
| 1 | UP | 0104RS002 | 55A | 01 | 01 | CA | PLACER | Main | UP | Der | M101 | - | 0 | 0 | 0 | 0 | NOT RPD OR N/A | 000 | 0 | 0 |
| 2 | UP | 0104RS032 | 55A | 01 | 30 | CA | PLACER | Main | UP | Der | M405 | - | 166,268 | 101,821 | 0 | 0 | FREIGHT TRAIN | 019 | 2 | 9 |
| 3 | UP | 0304RS005 | 55A | 03 | 05 | CA | PLACER | Yard | UP | Der | H702 | - | 1,190 | 148,000 | 0 | 0 | YARD/SWITCHING | 004 | 2 | 2 |
| 4 | UP | 0304RS009 | 55A | 03 | 13 | CA | PLACER | Yard | UP | Oth | H399 | - | 25,541 | 500 | 0 | 0 | YARD/SWITCHING | 007 | 0 | 3 |
| 4 | UP | 0304RS009 | 55A | 03 | 13 | CA | PLACER | Yard | UP | Oth | H399 | - | 2,500 | 0 | 0 | 0 | LIGHT LOCO(S) | 005 | 0 | 0 |
| 5 | UP | 0804RS006 | 55A | 08 | 05 | CA | PLACER | Yard | UP | Oth | H306 | - | 7,835 | 379 | 0 | 0 | YARD/SWITCHING | 003 | 0 | 1 |
| 5 | UP | 0804RS006 | 55A | 08 | 05 | CA | PLACER | Yard | UP | Oth | H306 | - | 4,775 | 0 | 0 | 0 | SINGLE CAR | 000 | 0 | 0 |
| 6 | UP | 0904RS011 | 55A | 09 | 07 | CA | PLACER | Main | UP | Der | E40C | - | 73,340 | 474,529 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 19 |
| 7 | UP | 1004RS001 | 55A | 10 | 02 | CA | PLACER | Main | UP | Der | E40C | - | 49,937 | 274,713 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 16 |
| 8 | UP | 1104RS011 | 55A | 11 | 10 | CA | PLACER | Yard | UP | Der | M411 | - | 2,012 | 11,000 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 9 |
| 9 | UP | 1204RS014 | 55A | 12 | 26 | CA | PLACER | Yard | UP | Der | H702 | - | 55,965 | 20,000 | 0 | 0 | YARD/SWITCHING | 014 | 2 | 5 |

2004: Placer County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 0904RS011 | 55A | 09 | 07 | CA | PLACER | Main | UP | Der | E40C | - | 73,340 | 474,529 | 0 | 0 | FREIGHT TRAIN | 014 | 0 | 19 |
| 2 | UP | 1004RS001 | 55A | 10 | 02 | CA | PLACER | Main | UP | Der | E40C | - | 49,937 | 274,713 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 16 |

2004: Placer County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1004RS001 | 55A | 10 | 02 | CA | PLACER | Main | UP | Der | E40C | - | 49,937 | 274,713 | 0 | 0 | FREIGHT TRAIN | 018 | 0 | 16 |

2004: Placer County, California (accidents, hazmat released): None.

2005: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|-----------------|---------|-----------|----------|
| 1 | ATK | 095163 | 55A | 01 | 08 | CA | PLACER | Main | UP | Der | M101 | - | 16,234 | 0 | 0 | 0 | PASSENGER TRAIN | 007 | 0 | 1 |
| 1 | UP | 0105RS011 | 55A | 01 | 08 | CA | PLACER | Main | UP | Der | M101 | - | 0 | 5,035 | 0 | 0 | NOT RPD OR N/A | 000 | 0 | 0 |
| 2 | UP | 0105RS028 | 55A | 01 | 23 | CA | PLACER | Main | UP | Der | M204 | - | 3,158 | 11,534 | 0 | 0 | FREIGHT TRAIN | 008 | 0 | 1 |
| 3 | UP | 0305RS007 | 55A | 03 | 07 | CA | PLACER | Main | UP | Der | T220 | - | 36,604 | 43,361 | 0 | 0 | FREIGHT TRAIN | 007 | 0 | 5 |
| 4 | UP | 0505RS053 | 55A | 05 | 16 | CA | PLACER | Yard | UP | Oth | M507 | - | 7,065 | 0 | 0 | 0 | CUT OF CARS | 000 | 0 | 0 |
| 5 | UP | 0605RS018 | 55A | 06 | 11 | CA | PLACER | Yard | UP | Der | M408 | - | 17,301 | 400 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 3 |
| 6 | UP | 0805RS015 | 55A | 08 | 13 | CA | PLACER | Yard | UP | Der | E29C | - | 18,726 | 3,353 | 0 | 0 | YARD/SWITCHING | 002 | 0 | 2 |
| 7 | UP | 0905RS001 | 55A | 09 | 02 | CA | PLACER | Yard | UP | Der | H999 | - | 6,400 | 3,000 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 1 |
| 7 | UP | 0905RS001 | 55A | 09 | 02 | CA | PLACER | Yard | UP | Der | H999 | - | 2,484 | 0 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 2 |
| 8 | UP | 1205RS002 | 55A | 12 | 01 | CA | PLACER | Main | UP | Oth | M304 | - | 0 | 80,000 | 0 | 0 | FREIGHT TRAIN | 030 | 0 | 0 |
| 9 | UP | 1205RS023 | 55A | 12 | 15 | CA | PLACER | Main | UP | Coll | H220 | - | 68,500 | 0 | 0 | 0 | LIGHT LOCO(S) | 011 | 1 | 0 |
| 9 | UP | 1205RS023 | 55A | 12 | 15 | CA | PLACER | Main | UP | Coll | H220 | - | 18,958 | 0 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 3 |

2005: Placer County, California (accidents involving cars carrying hazmat):

| Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|-----|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1205RS023 | 55A | 12 | 15 | CA | PLACER | Main | UP | Coll | H220 | - | 68,500 | 0 | 0 | 0 | LIGHT LOCO(S) | 011 | 1 | 0 |
| 1 | UP | 1205RS023 | 55A | 12 | 15 | CA | PLACER | Main | UP | Coll | H220 | - | 18,958 | 0 | 0 | 0 | FREIGHT TRAIN | 020 | 0 | 3 |

2005: Placer County, California (accidents, cars carrying hazmat/damaged): None.

2006: Placer County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|----------------|---------|-----------|----------|
| 1 | UP | 0106RS021 | 55A | 01 | 15 | CA | PLACER | Main | UP | Coll | H605 | - | 21,115 | 0 | 0 | 0 | FREIGHT TRAIN | 005 | 0 | 0 |
| 1 | UP | 0106RS021 | 55A | 01 | 15 | CA | PLACER | Main | UP | Coll | H605 | - | 700 | 0 | 0 | 0 | WORK TRAIN | 023 | 0 | 0 |
| 2 | UP | 0106RS017 | 55A | 01 | 18 | CA | PLACER | Yard | UP | Der | T314 | - | 139,209 | 42,986 | 0 | 0 | YARD/SWITCHING | 008 | 0 | 3 |
| 3 | UP | 0306RS022 | 55A | 03 | 14 | CA | PLACER | Main | UP | Der | M101 | - | 1,000 | 8,494 | 0 | 0 | WORK TRAIN | 005 | 1 | 0 |
| 4 | UP | 0406RS018 | 55A | 04 | 23 | CA | PLACER | Yard | UP | Der | H306 | H702 | 52,579 | 2,435 | 0 | 0 | YARD/SWITCHING | 004 | 0 | 5 |
| 5 | UP | 1106RS005 | 55A | 11 | 06 | CA | PLACER | Yard | UP | Oth | M302 | - | 20 | 10,000 | 0 | 0 | YARD/SWITCHING | 010 | 0 | 0 |
| 6 | UP | 1106RS011 | 55A | 11 | 09 | CA | PLACER | Main | UP | Der | M504 | - | 1400000 | 541,000 | 2 | 0 | NOT RPD OR N/A | 040 | 0 | 1 |
| 7 | UP | 1206RS027 | 55A | 12 | 27 | CA | PLACER | Yard | UP | Der | H306 | - | 34,533 | 0 | 0 | 0 | YARD/SWITCHING | 005 | 0 | 3 |

2006: Placer County, California (accidents involving cars carrying hazmat): None.

1975: Sierra County, California (all accidents): None.

1976: Sierra County, California (all accidents): None

1977: Sierra County, California (all accidents): None

1978: Sierra County, California (all accidents): None

1979: Sierra County, California (all accidents): None

1980: Sierra County, California (all accidents): None

1981: Sierra County, California (all accidents): None

1982: Sierra County, California (all accidents): None

1983: Sierra County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 251183 | 55A | 05 | 21 | CA | SIERRA | Main | UP | Der | T101 | - | 0 | 8,400 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 1 |

1983: Sierra County, California (accidents involving cars carrying hazmat): None.

1984: Sierra County, California (all accidents): None

1985: Sierra County, California (all accidents): None

1986: Sierra County, California (all accidents): None

1987: Sierra County, California (all accidents): None

1988: Sierra County, California (all accidents): None

1989: Sierra County, California (all accidents): None

1990: Sierra County, California (all accidents): None

1991: Sierra County, California (all accidents): None

1992: Sierra County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1192FR013 | 55A | 11 | 25 | CA | SIERRA | Main | UP | Der | E25C | T199 | 1,200 | 30,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 1 |

1992: Sierra County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1192FR013 | 55A | 11 | 25 | CA | SIERRA | Main | UP | Der | E25C | T199 | 1,200 | 30,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 1 |

1992: Sierra County, California (accidents, cars carrying hazmat/damaged):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1192FR013 | 55A | 11 | 25 | CA | SIERRA | Main | UP | Der | E25C | T199 | 1,200 | 30,000 | 0 | 0 | FREIGHT TRAIN | 010 | 0 | 1 |

1992: Sierra County, California (accidents, hazmat released): None.

1993: Sierra County, California (all accidents): None

1994: Sierra County, California (all accidents): None

1995: Sierra County, California (all accidents): None

1996: Sierra County, California (all accidents):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1096LA016 | 55A | 10 | 18 | CA | SIERRA | Main | UP | Der | M201 | - | 16,500 | 31,400 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |
| 2 | UP | 1096LA028 | 55A | 10 | 18 | CA | SIERRA | Main | UP | Der | M201 | - | 6,500 | 20,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |

1996: Sierra County, California (accidents involving cars carrying hazmat):

| Acc Nbr | Rpt RR | Report Number | Kld/Inj | Mo | Day | ST | County | Type Track | Trk Maint | Type Acc | Pri Cause | Cont Cause | Equip Damage | Track Damage | Kld | Inj | RR Equip | Spd Mph | Locos Der | Cars Der |
|---------|--------|---------------|---------|----|-----|----|--------|------------|-----------|----------|-----------|------------|--------------|--------------|-----|-----|---------------|---------|-----------|----------|
| 1 | UP | 1096LA028 | 55A | 10 | 18 | CA | SIERRA | Main | UP | Der | M201 | - | 6,500 | 20,000 | 0 | 0 | FREIGHT TRAIN | 025 | 0 | 2 |

1996: Sierra County, California (accidents, cars carrying hazmat/damaged): None

1997: Sierra County, California (all accidents): None

1998: Sierra County, California (all accidents): None

1999: Sierra County, California (all accidents): None

2000: Sierra County, California (all accidents): None

2001: Sierra County, California (all accidents): None

2002: Sierra County, California (all accidents): None

2003: Sierra County, California (all accidents): None

2004: Sierra County, California (all accidents): None

2005: Sierra County, California (all accidents): None

2006: Sierra County, California (all accidents): None

Appendix 2. HMIRS database, 1995-2002 for: Washoe County, Nevada; Nevada, Placer, and Sierra Counties, California.

(attached separately, Excel format)