

OFF-SITE SURVEILLANCE ACTIVITIES OF
SOUTHWESTERN RADIOLOGICAL HEALTH LABORATORY
from July through December 1968

by
Environmental Surveillance
Southwestern Radiological Health Laboratory
ENVIRONMENTAL PROTECTION AGENCY

Published May 1971

This surveillance performed under a Memorandum of
Understanding (No. SF 54 373)
for the
U. S. ATOMIC ENERGY COMMISSION



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* Formerly part of the U. S. Department of Health, Education, and Welfare,
Public Health Service, Environmental Health Service, Environmental Control
Administration, Bureau of Radiological Health.

ABSTRACT

During the period July through December 1968, fourteen announced underground nuclear tests were conducted in Nevada by the U. S. Atomic Energy Commission. None of these events released radioactivity to the off-site environment. In December 1968 a Plowshare cratering experiment, Schooner, released radioactivity that was detected off-site. In addition, one operation of the Phoebus 2A nuclear rocket engine and one operation of the Pewee 1 nuclear rocket engine, at the Nuclear Rocket Development Station, released radioactivity that was detected off-site.

The Southwestern Radiological Health Laboratory performed off-site radiological surveillance for the above events under a Memorandum of Understanding with the Atomic Energy Commission.

The highest gamma exposure rate measured at a populated location during this period was 8.5 mR/h at the Diablo Highway Maintenance Station on Highway 25. This measurement was taken with a portable survey instrument during cloud passage following the Schooner event on December 8. The exposures measured by two thermoluminescent dosimeters worn by two residents at this location were 57 mR and 35 mR including cloud passage plus eight days of residual exposure.

The maximum exposure to an individual, as measured by TLD's, was 165 mR to a shepherd herding sheep along the line of maximum deposition after Schooner.

The maximum integrated concentration of gross beta in air detected at a populated location was 8,500 $\mu\text{Ci-sec/m}^3$ at Clark Station, about

15 miles west of Warm Springs, Nevada. The maximum integrated ^{131}I concentration in air was $4.2 \mu\text{Ci}\cdot\text{sec}/\text{m}^3$ at Clark Station. These concentrations resulted from the Schooner experiment.

The highest concentration of ^{131}I detected in milk was 100 pCi/l at the Boyd Schena Ranch near Abraham, Utah, following Schooner. The maximum estimated dose to a hypothetical two-gram thyroid, used as a critical receptor, was 16 mrad after the above event, although there were no children living at this location.

Some water samples used for human consumption were found to contain radioactive material, primarily ^{187}W , after the Schooner Event. The maximum concentration was 21,000 pCi/l at the Simpson Ranch at Adaven, Nevada. The maximum calculated dose would be about 2 mrad to the GI tract from this exposure.

Results obtained through environmental radiation surveillance during this period indicate that no individual in the off-site area received an exposure resulting from Nevada Test Site operations which exceeded the guides established by the AEC and/or recommended by the Federal Radiation Council.

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INTRODUCTION

During the period July through December 1968, fourteen announced underground nuclear tests and one Plowshare cratering experiment were conducted by the U. S. Atomic Energy Commission at the Nevada Test Site. Table 1 lists the announced tests, dates, and type.

TABLE 1
Announced Tests July 1968 - December 1968

EVENT	DATE	EVENT	DATE
Tanya	7/30/68	Crew	11/4/68
Diana Moon	8/27/68	Knife B	11/15/68
Sled	8/29/68	Ming Vase	11/20/68
Noggin	9/6/68	Tinder Box	11/22/68
Knife A	9/12/68	<u>Schooner*</u>	12/8/68
Stoddard*	9/17/68	Tyg	12/12/68
Hudson Seal	9/24/68	Benham	12/19/68
Knife C	10/3/68		

*Plowshare Tests DPNE

— Test that released radioactive material
detected off the Test Range Complex.

In accordance with a Memorandum of Understanding with the U. S. Atomic Energy Commission (AEC), the Southwestern Radiological Health Laboratory (SWRHL) conducted a program of radiological monitoring and environmental sampling in the area surrounding the Nevada Test Site, Nuclear Rocket Development Station,

and the Nellis Air Force Range. The overall complex of the Nevada Test Site (NTS) and the Nellis Air Force Range includes the Nuclear Rocket Development Station and the Tonopah Test Range, and for simplicity will be called the Test Range Complex throughout this report. Although routine sampling and monitoring were conducted within a 300-mile radius around the Test Range Complex, surveillance was extended as necessary to provide adequate coverage.

One power run of the Phoebus 2A nuclear rocket engine at the Nuclear Rocket Development Station released radioactivity that was detected off the Test Range Complex and one power run of the Pewee 1 engine also released radioactivity to the off-site environment.

This report describes the methods and equipment used and summarizes the data collected during this six-month period.

OPERATION PROCEDURES

Monitoring

Before each event, mobile monitoring teams were sent to the off-site areas most likely to be affected by a release of radioactive material. If a release occurred, the teams conducted a monitoring program directed from the AEC Control Point via two-way radio communications. Measurements were made periodically until activity levels returned to background.

Each monitor carried two Eberline E-500B survey meters, an NE-148 scintillation instrument, and a Victoreen Radector Model No. AGB-50B-SR. The Eberline E-500B has a range of 0 to 200 milliroentgens per hour (mR/h) in four scales for gamma or beta-gamma detection with an external halogen quenched GM tube, and a 0 to 2000 mR/h range for gamma

detection from an internal Anton 302 GM tube. The NE-148 is used primarily to indicate the presence of low levels of radioactivity and has a range of 0 to 3 mR/h in three scales. The Radector has a range of 0.05 to 50,000 mR/h over two logarithmic scales. This instrument uses an inert gas ionization chamber as the detector. These instruments are accurate to $\pm 20\%$ and are calibrated routinely with a ^{137}Cs source.

Exposure Rate Recorders

To supplement the ground monitoring program, Eberline RM-11 exposure rate recorders are used to document cloud passage at fixed locations. These recorders have a GM tube detector with a 0.01 to 100 mR/h range, and are calibrated to $\pm 20\%$ with a ^{137}Cs source. The gamma exposure rate is recorded on a 30-hour strip chart. Portable battery-operated recorders, using E-500B survey instruments coupled to a Rustrak recorder, are carried by the monitors to supplement the fixed stations.

Aerial Cloud Tracking and Sampling

An Air Force U-3A aircraft with two SWRHL monitors carrying portable instruments similar to those used by ground monitors, was used to track the radioactive effluents. Two SWRHL cloud sampling and cloud tracking aircraft were also used to obtain in-cloud samples, assess total cloud volume, and provide long-range tracking.

Air Sampling

During this six-month period the SWRHL Air Surveillance Network (ASN) consisted of about 110 stations operating in every state west of the Mississippi River except Montana and North Dakota. Standby stations in Montana, Idaho, Wyoming, Colorado, Utah, and Oklahoma can be activated

by phone. The air sampler used in the Air Surveillance Network is a Gelman "Tempest," consisting of a Gast Model 1550 vacuum pump driven by an electric motor. The sampler has an approximate flow rate of 10 cfm and uses a 4-inch-diameter glass fiber filter. B.M.* 2306 charcoal cartridges can be added as necessary, to collect gaseous fission products. The total volume of air sampled is calculated from the average flow rate and the total sampling time. These samplers operate 24 hours a day.

Milk and Water Sampling

The previously established milk sampling program from both commercial dairies and private producers continued throughout the six-month period. About 30 sources were routinely sampled during this period, many on a monthly basis. A total of 177 samples were collected from these locations. In the event of cloud passage over a specific area, intensified sampling within the area was conducted to document changes in activity. All milk sampling results are listed in Appendix A.

Both domestic and non-domestic water supplies were sampled on a routine basis. Water sampling is increased if a release occurs. During this period, 405 water samples were collected from about 98 sources. Nine stations, all in the Las Vegas valley, were added to the network primarily for tritium investigation.

Vegetation Sampling

Vegetation samples were collected only in the event of a release of radioactive material and analyzed for gross gamma radioactivity to delineate the fallout pattern. Samples of milk cow feed were taken at most locations where milk samples were collected.

*B.M. = Bureau of Mines

Dosimetry

Approximately 120 residents in the off-site area wore film badges throughout this period. These film badges were exchanged each month and were processed by the Radiological Sciences Department of Reynolds Electrical and Engineering Company, Inc. In addition, 113 film badge stations, each with five badges, were located around the Test Range Complex and were also exchanged monthly. The badge contains DuPont Type 545 film. The gamma exposure, as determined from this film, is accurate to $\pm 50\%$ in the 30 to 100 mR range and $\pm 10\%$ in the 100 to 2000 mR range.

Of the 113 stations 101 were equipped with three EG&G Model TL-12 thermoluminescent dosimeters (TLD's) which were exchanged monthly with the film badges. The TLD's have a uniform energy response, from 50 keV to several MeV with a low energy cutoff at 50 keV. According to past TLD data, a reading of 10 mR above the previous month's background constitutes a detectable exposure.

Community Relations

Frequent contacts with the off-site population by route monitors and numerous presentations for schools and civic groups provided the opportunity to explain the role of SWRHL in support of the AEC testing programs. As a result of favorable community relations, a number of off-site residents took part in the environmental sampling program and many people volunteered to wear film badge dosimeters.

For the Benham Event on December 19 involving an intermediate yield device, community information centers were established in towns around the NTS to keep the people informed of shot-time, notify residents of possible

hazards, evacuate specified buildings, and process any complaints following the event.

Medical and Veterinary Services

A SWRHL medical officer was available in the event any complaints of a medical nature arose as a result of the test series and to serve as a liaison with local physicians. No such cases were brought to the attention of the SWRHL.

Veterinary services were provided by SWRHL veterinarians. Liaison was maintained with livestock producers in the area and the program of wildlife and cattle investigation was continued.

SAMPLE ANALYSIS

Descriptions of sample analysis and procedures can be found in Document NV-28, AEC publication, revised 1968.

SUMMARY OF INDIVIDUAL EVENTS

Phoebus 2A EP V - July 18, 1968

The Phoebus 2A EP V reactor test released radioactive material that was carried northeast over Highway 25 and was detected as far as Wendover, Utah, at an ASN air sampling station. Nighttime drainage winds carried small amounts of gaseous material to the south over Lathrop Wells where it was detected by an air sampler.

Gamma Exposure Rates

The only survey instrument readings above background were obtained at Queen City Summit (16°, 66 miles), an unpopulated location on Highway 25. The maximum reading was 0.1 mR/h. Monitors on either side of Queen City Summit did not observe any readings above background.

Gamma rate recorders did not show any traces above normal background fluctuations.

A 4- by 4-inch NaI(Tl) crystal detector was used to monitor Highway 50 between Eureka, Nevada, and the Utah border, Highway 6 between Ely and Warm Springs, and Highway 25 and 93 between Warm Springs and Las Vegas. No readings above previously established background were observed.

Air Sampling

Seven portable air samplers were operated off-site to supplement the ASN. Four were placed at 5° intervals about 100 miles northeast of Test Cell C, two were placed on Highway 25, and one at the Kirkeby Ranch near Shoshone, Nevada. Figure 1 shows the locations of permanent and portable air samplers and those stations where radioactive material from Phoebus 2A EP V was detected.

Table 2 lists the stations with the 5 highest integrated concentrations of ¹³¹I. Values are the combined glass fiber and charcoal filter concentrations.

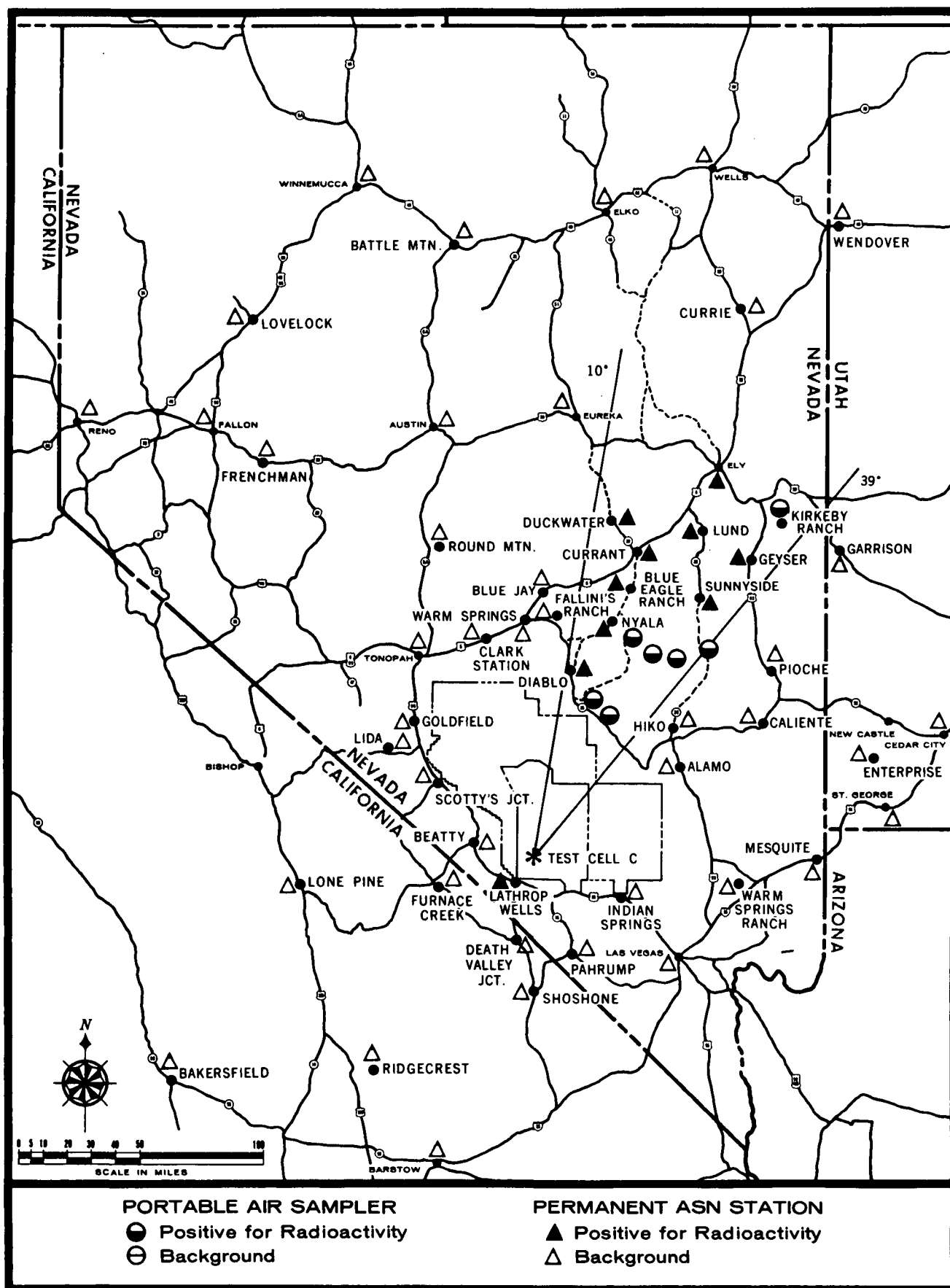


Figure 1. Air Sampling Results - Phoebeus 2A EP V

TABLE 2

PHOEBUS 2A EP V
July 18, 1968

Five Highest ^{131}I Results and Associated Gross Beta and Radionuclide Results from Air Sample Media
Extrapolated to End of Collection Period
(Combined Particulate and Charcoal Filters)

LOCATION Azimuth, Distance*	TIME On Off	DATE On Off	AVERAGE CONCENTRATIONS DURING COLLECTION PERIOD (pCi/m ³) AND INTEGRATED CONCENTRATIONS (μCi-sec/m ³)									
			Gross Beta		^{131}I		^{132}Te		^{133}I		^{135}I	
			pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec
			$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$	$\frac{\text{m}}{3}$
Queen City Summit** 16°, 66 mi	2014 1050	7/18 7/19	420	22	40	2.1	65	3.4	310	17	85	4.4
Hiko, Nevada** 14 mi W, 40 mi N 25°, 100 mi	1905 1305	7/18 7/19	410	27	28	1.9	75	4.9	180	12	47	3.1
Hiko, Nevada** 14 mi W, 30 mi N 30°, 96 mi	1825 1136	7/18 7/19	500	31	24	1.5	81	5.0	140	8.6	48	3.0
Coyote Summit** 6.8 mi W on Highway 25 28°, 64 mi	1940 1015	7/18 7/19	480	25	22	1.2	74	3.9	140	7.2	75	4.0
Currant, Nevada Blue Eagle Ranch 10°, 123 mi	2000 1110	7/18 7/19	290	15	17	0.89	46	2.4	100	5.2	47	2.5

*Azimuth and Distance from Test Cell C.

**Temporary sampler.

Milk Sampling

Sixty-eight samples from 16 locations (Figure 2) were collected after the reactor operation. Seventeen samples from four locations contained radioiodines. Table 3 lists the highest ^{131}I concentration at each of the four stations. The maximum postulated dose from radioiodines in milk (2-gram thyroid as the critical receptor) was 10 mrad at Blue Eagle Ranch near Carrant, Nevada.

TABLE 3
Maximum Concentrations of ^{131}I in Milk at
Four Locations Following Phoebus 2A EP V.

LOCATION Azimuth-Distance*	DATE	^{131}I (pCi/l)
Duckwater, Nevada (Halstead Ranch) 13°, 147 mi	7/20	90
Carrant, Nevada (Blue Eagle Ranch) 18°, 122 mi	7/20	60
Cherry Creek, Nevada (Paris Ranch) 17°, 238 mi	7/24	30
Nyala, Nevada (Sharp Ranch) 16°, 102 mi	7/20	30

*From Test Cell C.

Water Sampling

Sixty-two water samples collected at all but one of the milk sampling locations showed no detectable concentrations of fresh fission products.

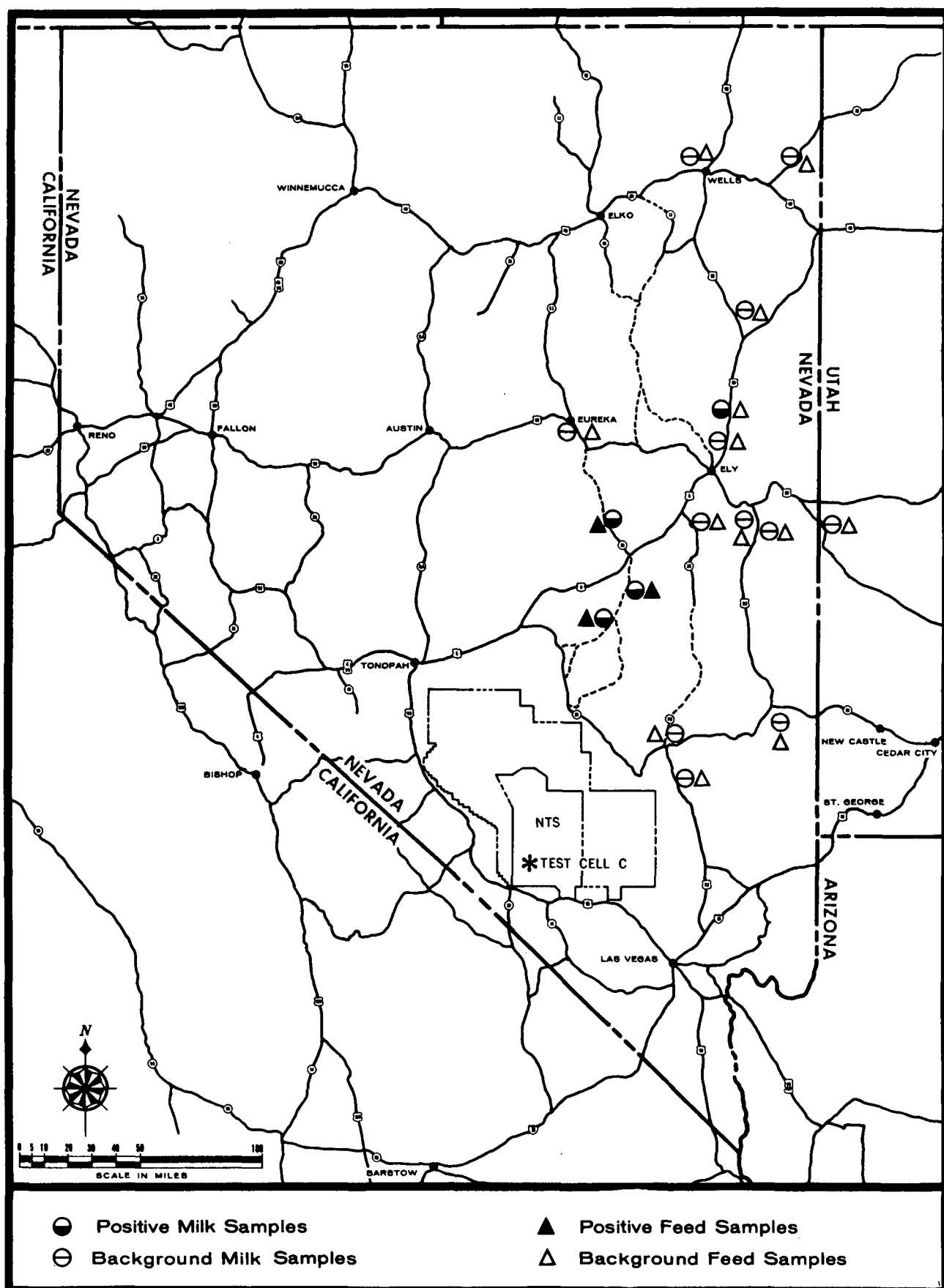


Figure 2. Milk and Cow Feed Results - Phoebe 2A EP V

Dosimetry

In addition to the routine Dosimetry Network, TLD's were placed at three-mile intervals on Highway 6 and 25 from Alamo to Tonopah. No exposures were detected above background levels by TLD's.

Pewee 1 EP III - December 4, 1968

The Pewee 1 reactor was tested during three operations. EP III on December 4 released radioactive material that was detected off-site by air samplers only.

Gamma Exposure Rates

Ten monitors positioned across the predicted trajectory did not observe any rise in gamma exposure rates above normal background. Portable exposure-rate recorders placed downwind did not show any traces above background (Figure 3).

Air Sampling

To supplement the routinely operated ASN Stations, eight temporary air samplers were operated at off-site locations which were expected to receive the effluent from the test or from pulse-cool-down operations. Five samplers were operated within the Amargosa Farm Area southwest of Lathrop Wells and three samplers were used at Cactus Springs, Butler Ranch (an abandoned ranch 32 miles south of Alamo, Highway 93), and Apex Junction (Jct. Highway 93 and Interstate 15). Figure 4 shows the locations of the ASN and portable air sampling stations which were positive for the reactor effluent. As indicated by this figure, the reactor effluent

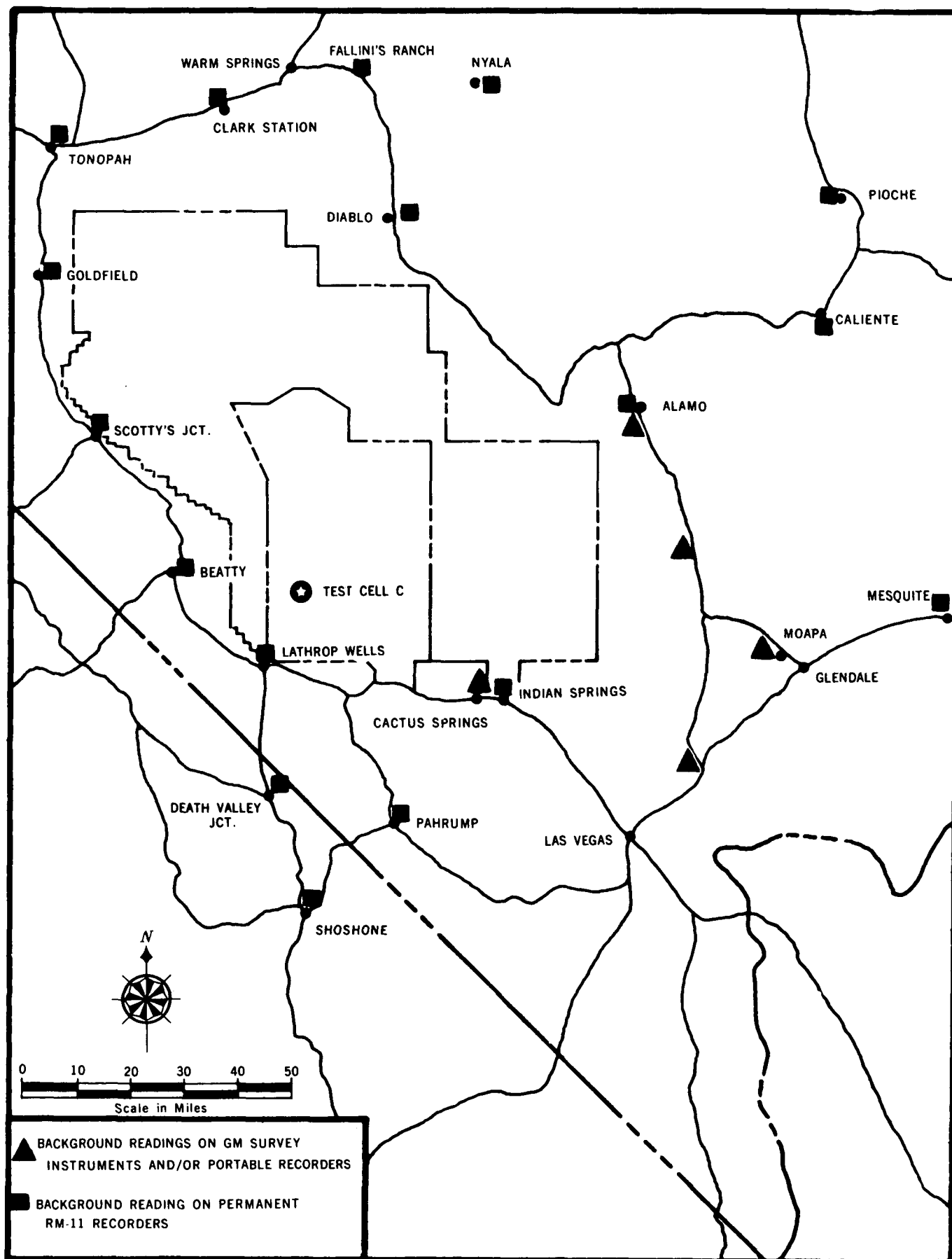


Figure 3. Ground Monitoring Locations - Pewee 1 EP III

traveled to the east-southeast where it was detected in air samples collected in southern Utah, northern Arizona, southwestern Colorado, and northwestern New Mexico. Emissions from reactor pulse-cool-down operations and possibly portions of the main reactor cloud transported south by the evening drainage winds were also detected by air samplers located in California, south and southwest of Test Cell C.

Table 4 lists the 5 highest integrated concentrations of ^{131}I . The values are the combined glass fiber and charcoal filter concentrations.

Milk Sampling

Twelve milk samples were collected from three locations in the downwind area. No samples showed detectable fresh fission products.

Water Sampling

Nine water samples were collected, primarily at milk sampling locations. No fresh fission products were detected.

Dosimetry

No dosimeters showed any exposures above background.

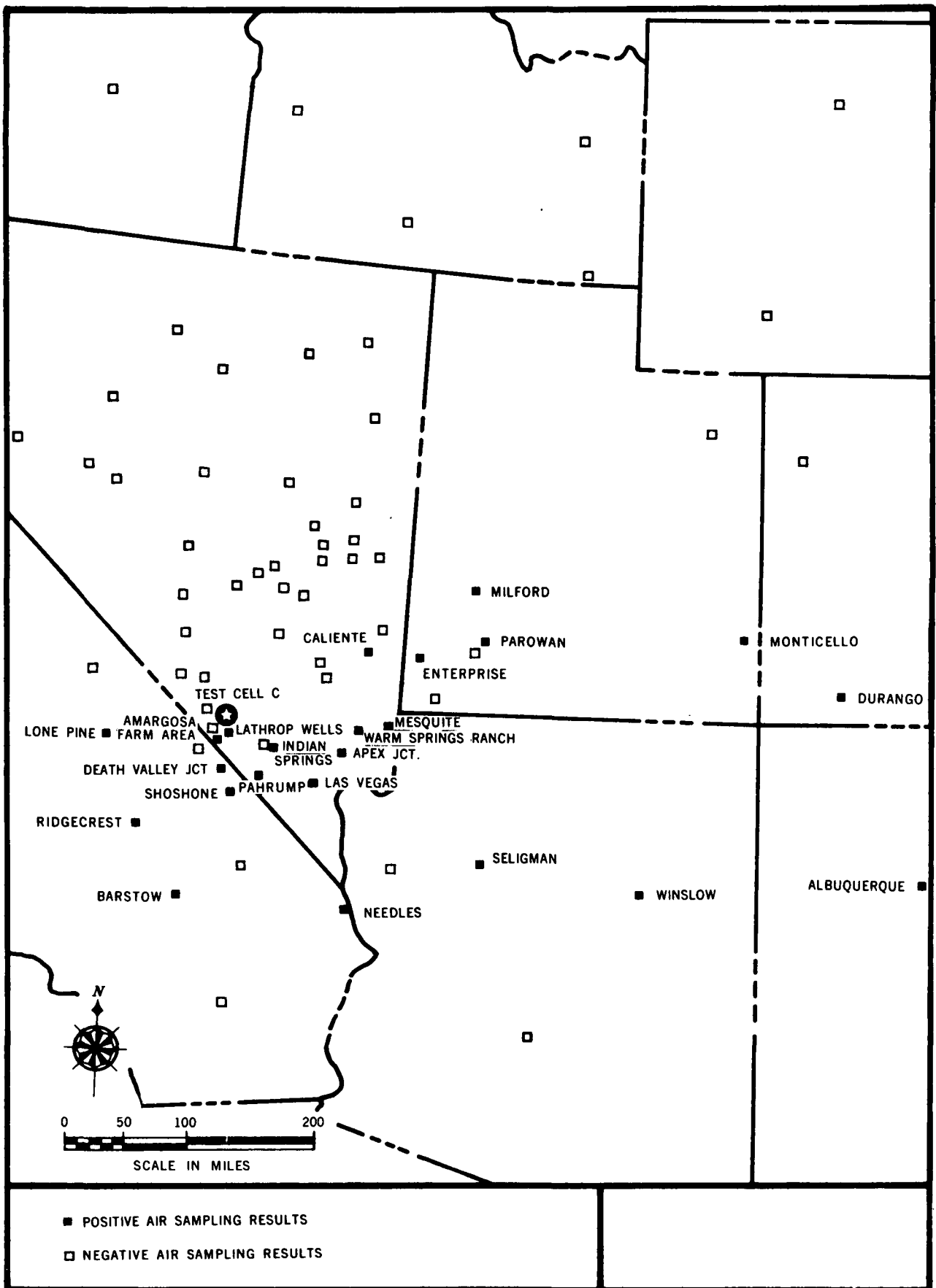


Figure 4. Air Sampling Locations - Pewee 1 EP III

TABLE 4

PEWEE 1 EP III
December 4, 1968

Five Highest ^{131}I Results and Associated Gross Beta and Radionuclide Results from Air Sample Media
Extrapolated to End of Collection Period
(Combined Particulate and Charcoal Filters)

LOCATION Azimuth, Distance*	TIME On Off	DATE On Off	AVERAGE CONCENTRATIONS DURING COLLECTION PERIOD ₃ (pCi/m ³) AND INTEGRATED CONCENTRATIONS (μCi-sec/m ³)							
			Gross Beta		^{131}I		^{132}Te		^{133}I	
			pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec
			_{m³}	_{m³}	_{m³}	_{m³}	_{m³}	_{m³}	_{m³}	_{m³}
Lathrop Wells, Nevada**	1445	12/4	87	6.5	4.2	0.31	15	1.1	26	1.9
Henderson Ranch	1134	12/5								
286°, 25 mi										
Las Vegas, Nevada	0800	12/5	63	5.5	3.4	0.29	10	0.86	7.0	0.60
128°, 82 mi	0800	12/6								
Lathrop Wells, Nevada**	1420	12/4	82	5.8	3.4	0.27	11	0.88	18	1.5
Copeland Ranch	1225	12/5								
208°, 26 mi										
Lathrop Wells, Nevada	1645	12/3	77	10	1.8	0.2	5.3	0.73	5.6	0.77
208°, 15 mi	0640	12/5								
Indian Springs,	0900	12/5	19	1.6	1.8	0.16	8.9	0.77	ND	ND
Nevada, 117°, 38 mi	0900	12/6								

*Azimuth and Distance from Test Cell C.

**Temporary sampler.

ND - Non-detectable.

Schooner - December 8, 1968

Schooner was conducted on December 8, 1968, at 0800 hours PST. Schooner was a cratering experiment at the Atomic Energy Commission's Nevada Test Site, and was part of the Plowshare program for the Development of Peaceful Uses of Nuclear Explosives.

Soon after detonation, a dust cloud rose to about 19,000 feet mean sea level (MSL). Wind shear at 10,000 feet MSL caused the lower portion of the cloud to move to the north while the upper portion of the cloud moved more to the northeast.

The predominate radionuclides found were ^{181}W and ^{187}W . The activities of other radionuclides, such as ^{131}I , were very low in comparison to tungsten.

Gamma Exposure Rates

The peak exposure rate observed was 350 mR/h gross gamma at an unpopulated location on Highway 25 near the Lincoln-Nye county line. The peak exposure rate at a populated location was 8.5 mR/h gross gamma at the Diablo Highway Maintenance Station on Highway 25 (33° , 47 miles from surface zero).

The five highest integrated gamma exposures calculated for populated locations are listed in Table 5 along with the peak exposure rates and time of initial readings.

Deposition from this event was detected by a 4- by 4-inch NaI(Tl) crystal detector in Washington, Idaho, Utah, and Nevada. Surveys taken in Montana, Wyoming, Colorado, Arizona, New Mexico, Nebraska, South Dakota, and North Dakota did not detect Schooner deposition.

TABLE 5

Five Highest Integrated Gamma Exposures at Populated Locations
Based on Portable Survey Instrument Readings - Schooner 12/8/68

LOCATION Azimuth, Distance from Surface Zero	TIME OF FIRST READING ABOVE BACKGROUND	PEAK READING (mR/h)	INTEGRATED EXPOSURE (mR)
Diablo, Nevada 33°, 47 mi	1100	8.5	188
Chavis Ranch 57°, 127 mi	a	3.1	70
Uhalde Ranch 45°, 75 mi	a	2.0 ^b	62
Nyala, Nevada 34°, 76 mi	1312	0.5	26
Stone Cabin Ranch 356°, 61 mi	a	1.2 ^b	34

a - Monitor arrived after cloud arrival

b - Monitor may not have observed peak reading; however, the reading is comparable to peak readings in adjacent areas.

Figure 5 shows the location of stationary and portable exposure rate recorders and whether or not these recorders detected activity from Schooner. In general, integration of the recorder traces indicated somewhat lower exposures than the calculated exposures from survey instruments.

Air Sampling

Schooner activity was detected by air sampling over a large area of the western United States. Figure 6 shows those ASN stations that detected Schooner debris. For several months after the event small concentrations of Schooner related radioactivity

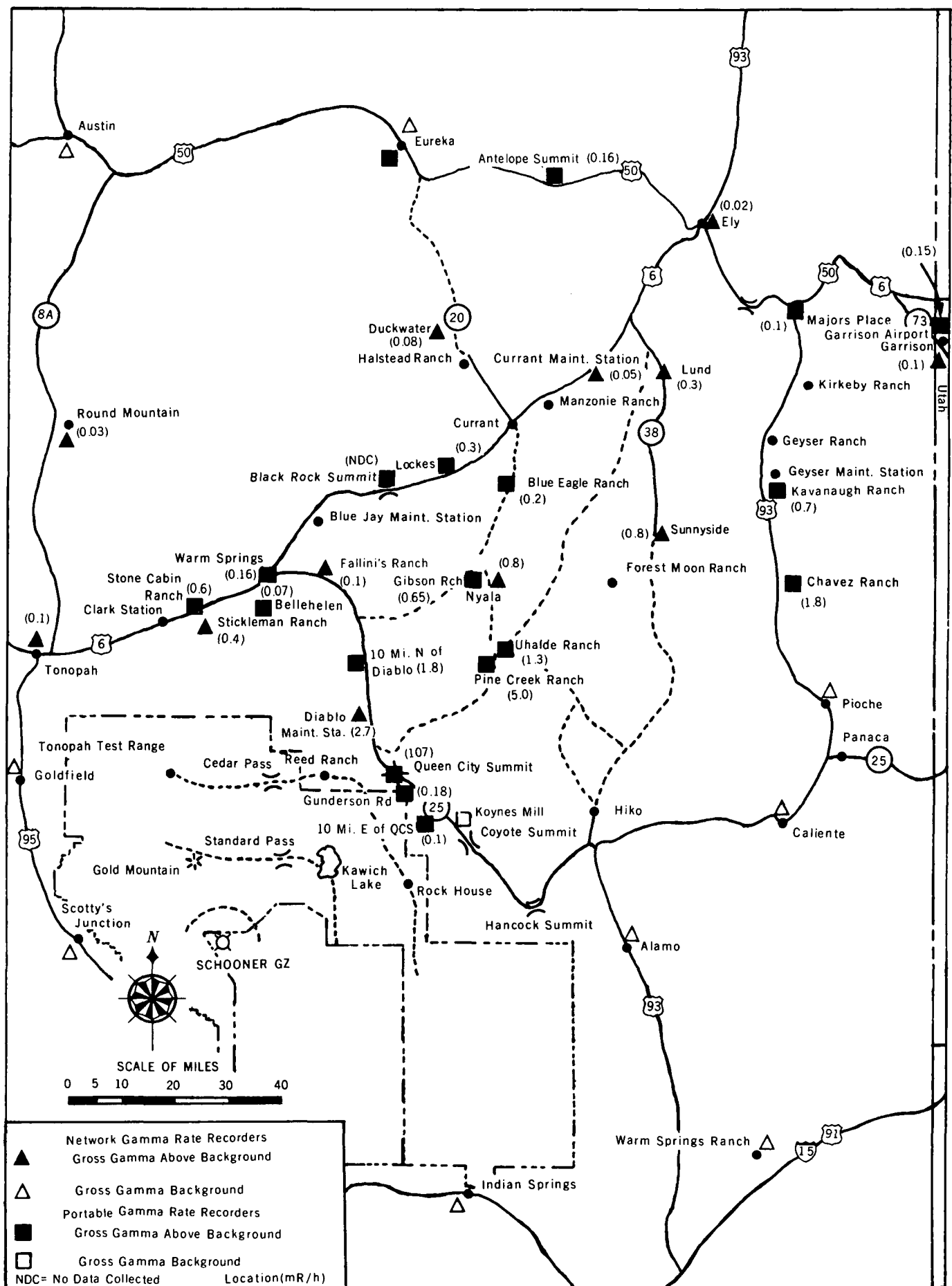


Figure 5. Maximum Observed Exposure Rates by Recorders - Schooner

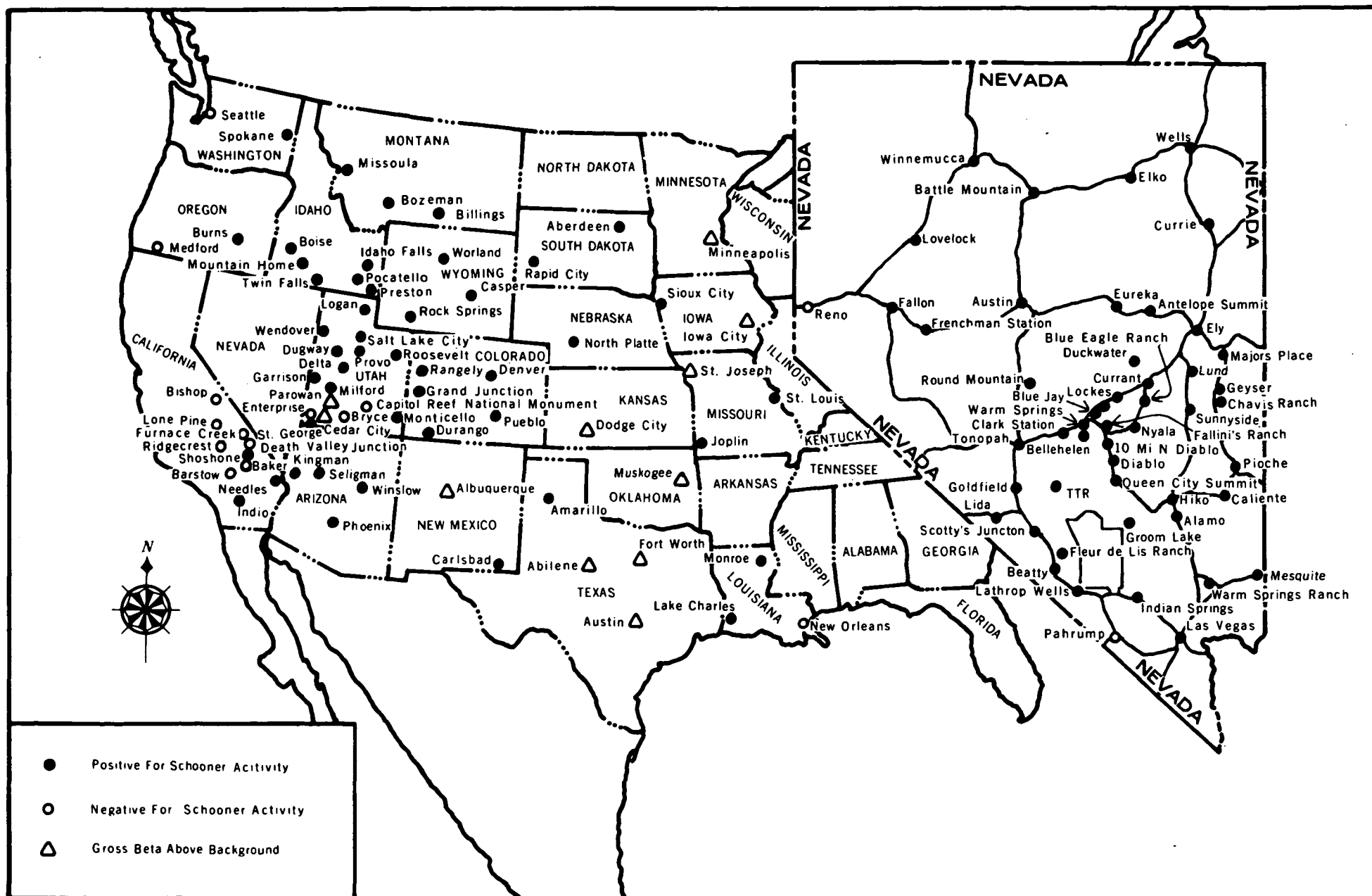


Figure 6. Air Sampling Locations - Schooner

were occasionally found on air sampling media mostly to the north-northeast of NTS as far as Eureka, Nevada. However, stations as far south and southeast as Lake Charles, Louisiana, and Indio, California, detected small amounts of tungsten nuclides on February 13-14, 1969 and February 17-18, 1969 respectively.

Table 6 lists the five stations showing the highest concentrations of ^{187}W on the day of the event. Radioiodines were detected on filter media, however, their concentrations were relatively low. Because of the masking effect of the ^{187}W , some difficulties were encountered in quantitating the radioiodines. Best estimates indicated that $1,000 \text{ pCi/m}^3$ of ^{187}W would mask about 10 pCi/m^3 of ^{131}I . This 100:1 masking ratio seemed to hold for most filters.

Milk Sampling

SWRHL monitors collected about 170 milk samples from 45 sampling locations in Nevada and Utah following the Schooner event. About 180 samples from 38 Standby Milk Surveillance Stations were mailed in. These latter stations, located in Colorado, Idaho, Montana, Utah, and Wyoming mailed daily samples to SWRHL for seven days after the event. All sampling locations are shown in Figures 7 and 8. Samples from 17 locations in Nevada and 12 locations in Utah contained ^{187}W . Iodine-131 was detected at four of these locations in Nevada and one in Utah. Schooner related activity was not found in samples collected from any of the other states.

The highest ^{187}W concentration in milk ($9,100 \text{ pCi/l}$) was found in the December 9 sample from the Chavis Ranch north of Pioche, Nevada, and the highest ^{131}I concentration (100 pCi/l) was in a December 11 sample from the Boyd Schena Ranch near Abraham, Utah.

TABLE 6

SCHOONER

December 8, 1968

Five Highest ¹⁸⁷W Results and Associated Gross Beta and Radionuclide Results from Air Sample Media
Extrapolated to End of Collection Period

LOCATION Azimuth, Distance*	TIME On Off	DATE On Off	AVERAGE CONCENTRATIONS DURING COLLECTION PERIOD (pCi/m ³) AND INTEGRATED CONCENTRATIONS (μCi-sec/m ³)									
			Gross Beta		¹⁸⁷ W		¹³¹ I		¹³³ I		¹³⁵ I	
			pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec	pCi	μCi-sec
			$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$	$\frac{3}{m}$
Clark Station 356°, 55 mi	0955	12/8	200,000	8,500	280,000	12,000	28	1.2	680	29	120	5.1
	2145	12/8										
Warm Springs 11°, 60 mi	0700	12/8	31,000	1,600	44,000	2,300	8.2	0.4	ND	--	220	11
	2130	12/8										
Tonopah 324°, 61 mi	1430	12/8	28,000	2,100	26,000	2,000	ND	---	ND	--	ND	----
	1145	12/9										
Nyala 36°, 77 mi	0800	12/8	15,000	720	27,000	1,200	ND	---	ND	--	ND	----
	2125	12/8										
Kavanaugh Ranch 52°, 133 mi	1150	12/8	37,000	1,300	36,000	1,200	ND	---	36	1.2	34	1.2
	2130	12/8										

*Azimuth and Distance from surface zero.

ND - Non-detectable

Figure 7. Milk Sampling Locations - Schooner

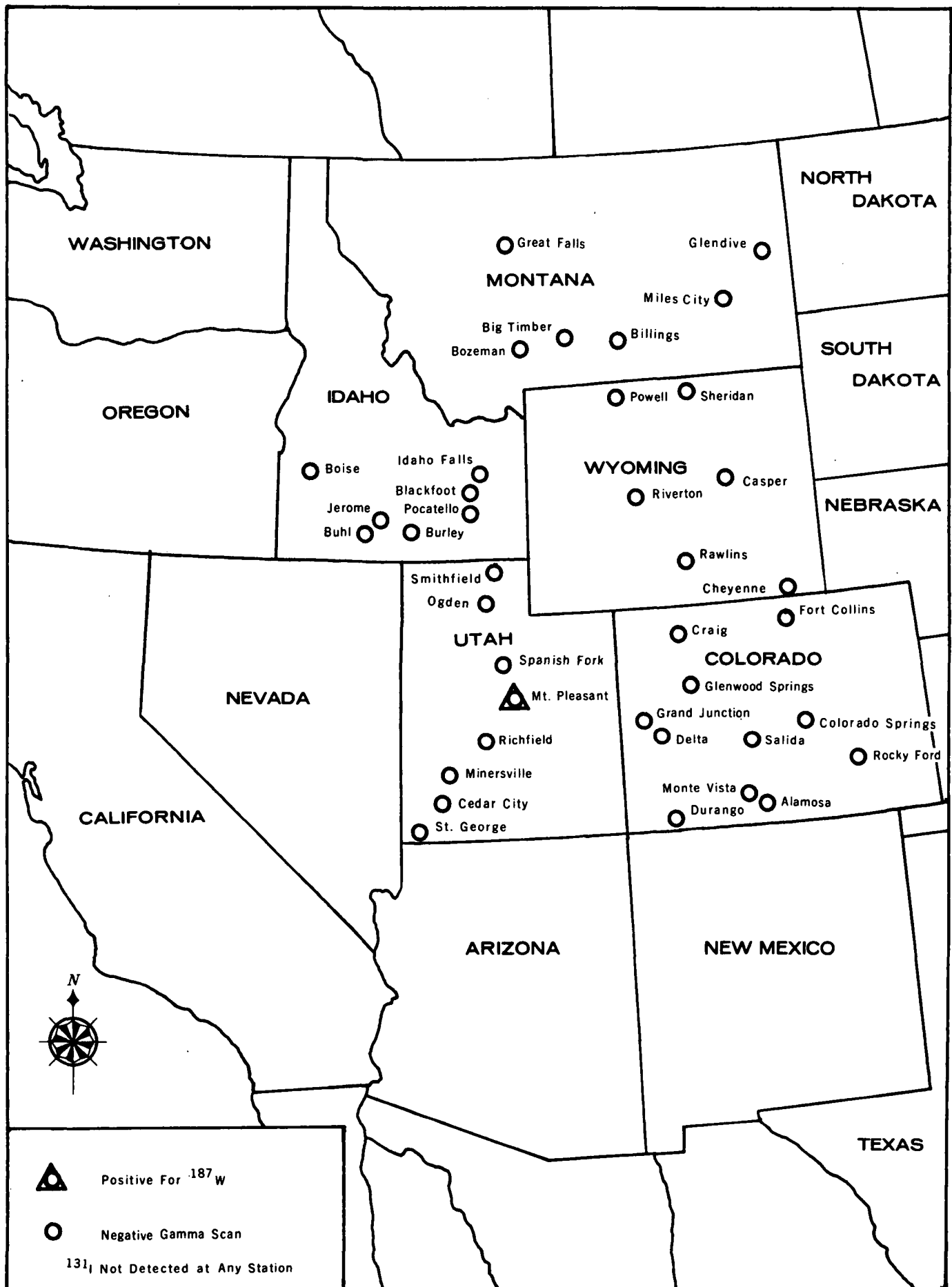


Figure 8. Standby Milk Surveillance Stations - Schooner

A sample taken at the same location on the twelfth showed 60 pCi/l of ^{131}I . Table 7 lists the results of five samples that had the highest concentrations of ^{187}W .

TABLE 7
Five Highest Concentrations of ^{187}W in Milk - Schooner 12/8/68

LOCATION Azimuth, Distance from Surface Zero	MILKED	COLLECTED	COUNTED	^{131}I pCi/l	^{187}W pCi/l
Chavis Ranch 57°, 127 mi	12/9 pm	12/9	0015 12/10	<50	9100
Chavis Ranch 57°, 127 mi	12/10 pm	12/10	2348 12/10	<50	7300
Currant, Nevada Manzonie Ranch 32°, 116 mi	12/9 am	12/9	2345 12/9	<50	5300
Casey's Ranch 39°, 82 mi	12/10 am	12/10	2320 12/10	<50	4400
Chavis Ranch 57°, 127 mi	12/11 am	12/11	1900 12/11	<50	4100

Water Sampling

All sampling locations are shown in Figure 9. Approximately 160 samples were collected from these locations. Samples from completely closed water supply systems contained ^{187}W , such as at the Diablo Highway Maintenance Station where 290 pCi/l ^{187}W was found in a sample collected on the day of the event. It is not clear how the nuclide found its way into the system. It is possible that the sample containers were contaminated by the monitors who were working in the fallout area. Table 8 lists the five highest concentrations of ^{187}W found in water supplies used for human consumption.

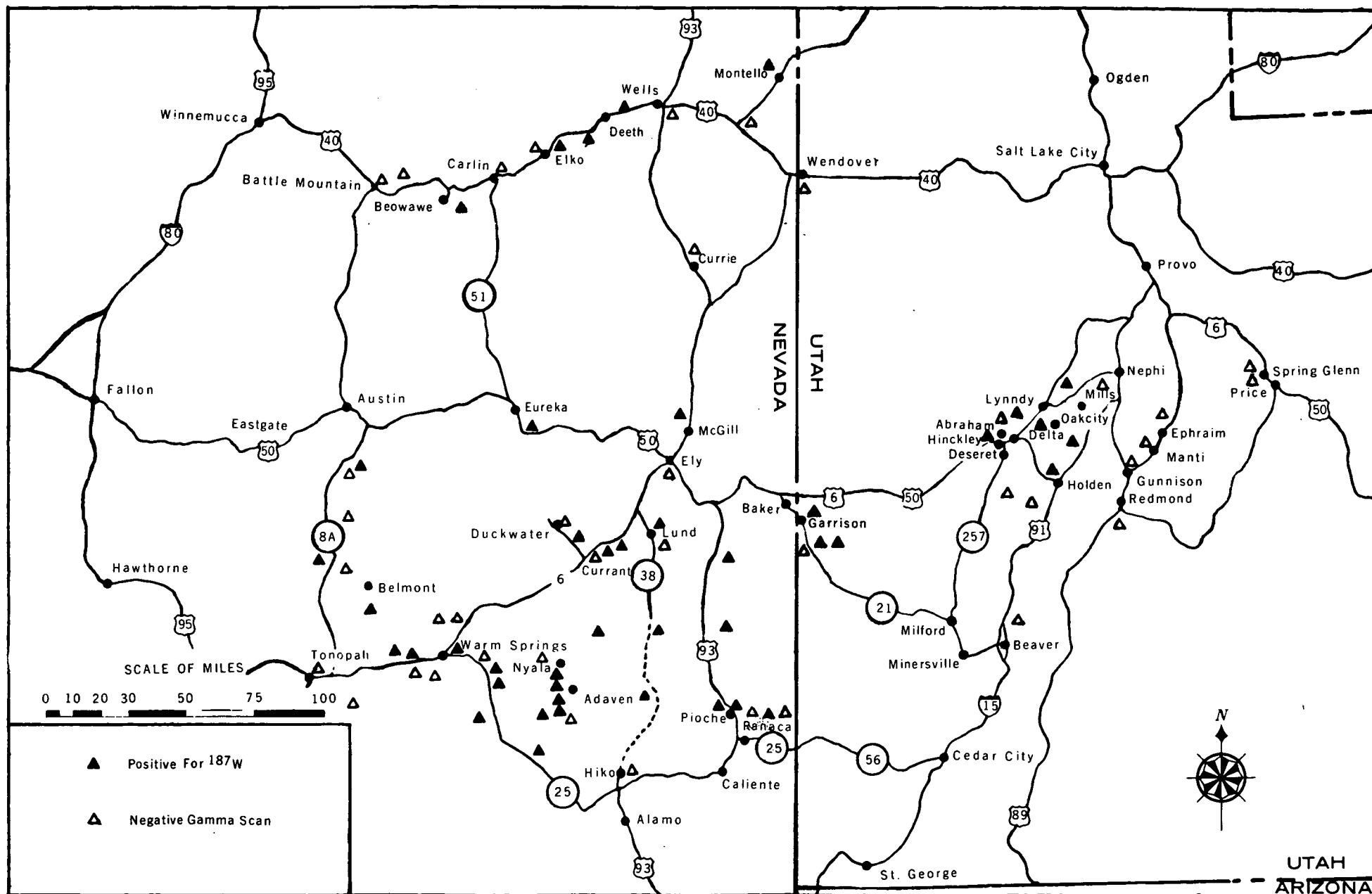


Figure 9. Water Sampling Locations - Schooner

TABLE 8
Five Highest Concentrations of ^{187}W in Water
Used for Human Consumption
Schooner 12/8/68

LOCATION Azimuth, Distance	DATE COLLECTED	SOURCE	^{187}W pCi/l
Simpson's Ranch 42°, 75 mi	12/11/68	Spring	21,000
Uhalde's Ranch 45°, 75 mi	12/10/68	Spring	10,000
Stone Cabin Ranch 356°, 61 mi	12/11/68	Spring	8,300
Morrison Ranch 11°, 167 mi	12/10/68	Well	2,400
Donahue Ranch 63°, 145 mi	12/12/68	Stream	2,100

Dosimetry

The routine dosimetry network was extended by placing intercept lines of TLD's and film badges along existing roads and highways.

The two off-site "arcs" were placed along Highways 6 and 25 from Hancock Summit to 14 miles west of Warm Springs, and along Highway 93 from Ely to 20 miles north of Pioche. Neither arc was long enough to delineate the northwest edge of deposition. The maximum exposure on Highway 25 was 4.76 R, 2 miles east of Queen

City Summit. This exposure included cloud passage plus seven days. The maximum exposure along Highway 93 was 75 mR, 30 miles north of Pioche, Nevada. This exposure included cloud passage plus five days.

Selected off-site residents were issued TLD's and film badges and all portable gamma exposure-rate recorders contained one TLD each.

Exposures to all those residents equipped with TLD's are shown in Table 9. The higher exposure of one resident at the Uhalde Ranch was due to the fact that he was herding sheep along the line of maximum deposition.

Dose Calculations for Milk and Water

Physiological parameters from ICRP II were used to calculate a dose conversion factor for the ingestion of ^{187}W based on beta radiation only. The dose to the G.I. tract is less than 40 mrad per μCi of ^{187}W ingested.

The highest concentration of ^{187}W in milk was observed at the Chavis Ranch. If a man drank one liter of milk per day at the concentrations observed at Chavis Ranch, he would have consumed a total of 24,670 pCi ^{187}W . If the entire ingested amount passes through the lower G.I. tract, this would correspond to an absorbed dose of approximately one mrad. Similarly, a dose of approximately two mrad can be estimated for a man drinking 1.5 liters of water per day having a concentration of 21,000 pCi ^{187}W , as was observed at Simpson's Ranch.

TABLE 9
Exposures to Off-Site Residents as Measured by TLD's
Schooner 12/8/68

RESIDENT IDENTIFICATION NUMBER	LOCATION	ISSUE DATE	COLLECTION DATE	EXPOSURE (mR)
S-BE-1	Blue Eagle	12/8	12/16	<1
S-BE-2	Blue Eagle	12/8	12/16	2
S-BE-3	Blue Eagle	12/8	12/16	<1
S-C-1	Currant	12/8	12/16	<1
S-C-2	Currant	12/8	12/16	<1
S-D-1	Diablo Maintenance Station	12/8	12/16	57
S-D-2	Diablo Maintenance Station	12/8	12/16	35
S-SN-1	Sunnyside	12/8	12/15	9
S-SN-2	Sunnyside	12/8	12/15	9
S-SN-3	Sunnyside	12/8	12/15	11
S-SN-4	Sunnyside	12/8	12/15	9
S-TS-1	Fallini's Ranch	12/8	12/15	3
S-TS-2	Fallini's Ranch	12/8	12/15	7
S-TS-3	Fallini's ranch	12/8	12/14	5
S-TS-4 ^a	Fallini's ranch	12/8	12/16	8
S-U-1	Uhalde Ranch	12/8	12/16	25
S-U-2	Uhalde Ranch	12/8	12/17	165
S-U-3	Uhalde Ranch	12/8	12/16	16
S-U-4 ^a	Uhalde Ranch	12/8	12/16	25

^a TLD located outside ranch house.

Based on assumptions in FRC Report No. 5, a peak concentration of 100 pCi/l of ^{131}I in milk, which was observed at the Boyd Schena Ranch, would correspond to a dose of about 16 mrad to an infant's thyroid. Since the FRC assumptions are based on fresh feeding conditions, this hypothetical infant dose estimate is conservative.

DISCUSSION AND CONCLUSIONS

During the second six months of 1968, one Plowshare test and two reactor operations released some radioactivity into the off-site environment.

Using the critical receptor model, the maximum hypothetical thyroid dose calculated from ^{131}I in milk would be 16 mrad to a two gram infant thyroid as a result of the Schooner Event. Using the latest census information there is no evidence that any child was exposed to this dose.

The maximum external gamma exposure at a populated location measured by TLD's was about 57 mR. This exposure was also the result of the Schooner Event. An individual herding sheep in the area of maximum fallout received a measured exposure of 165 mR after Schooner.

Results obtained through environmental surveillance during this period indicate that no individual in the off-site area received an exposure from nuclear testing which exceeded the safety criteria established by the Atomic Energy Commission.

APPENDIX

Milk sample results for the six-month period.

Note:

The first line of each sample listing gives the location of the sample source, the identification number assigned to the sample when it arrives at the laboratory, and the date the sample was collected.

The remaining lines show the nuclides present in the sample in units of picocuries per liter, except for calcium and potassium which are given in units of grams per liter.

Routinely, analysis is made for the following eight nuclides: ^{144}Ce , ^{131}I , ^{106}Ru , ^{137}Cs , ^{95}Zr , ^{54}Mn , ^{40}K , and ^{140}Ba . Values reported as LT(X) indicate activity less than "X" where "X" is the minimum detectable activity. When samples are collected for particular events, analysis is generally done for ^{133}I in place of ^{106}Ru .

The nuclides which are processed by radiochemistry methods—Ca, ^{89}Sr , ^{90}Sr —are listed if radiochemistry is performed.

Some of the values are listed in exponential form:

$3.0\text{E}01 = 3.0 \times 10^1 = 30$; $5.5\text{E}02 = 5.5 \times 10^2 = 550$, etc.

APPENDIX

CALIFORNIA MILK - JULY 1968-DEC 1968

COLLECTED

BARSTOW CALIF HILLS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51027007104912050801 07 24 68 8390006 K=1.6E00 89SR=LT(5)
BARSTOW CALIF HILLS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51027007104911050969 08 05 68 8390006 K=1.4E00 89SR=LT(5)
BARSTOW CALIF HILLS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51027007104912052587 09 19 68 8390006 K=1.6E00 89SR=LT(5)
BARSTOW CALIF HILLS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51027007104912052795 10 01 68 8390006 K=1.3E00 89SR=LT(5)
BARSTOW CALIF HILLS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=2	AM 51027007104912058430 11 05 68 8390006 K=1.6E00 89SR=LT(5)
BIG PINE CALIF DUNAGAN RANCH 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51036502704913052590 09 19 68 8390009 K=1.5E00 89SR=LT(5)
BIG PINE CALIF DUNAGAN RANCH 131I=LT(10) 137CS=LT(10) 90SR=2	AM 51036502704913052796 10 02 68 8390009 K=1.2E00 89SR=LT(5)
BIG PINE CALIF DUNAGAN RANCH 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51036502704913058432 11 08 68 8390009 K=1.4E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

CALIFORNIA MILK - JULY 1968-DEC 1968

COLLECTED

BISHOP CALIF SIERRA FARMS

131I=LT(10) 137CS=LT(10)
90SR=4AM 51037002704912050802 07 25 68 8290021
K=1.6E00 89SR=LT(5)

BISHOP CALIF SIERRA FARMS

131I=LT(10) 137CS=LT(10)
90SR=6AM 51037002704911050967 08 06 68 8290021
K=1.5E00 89SR=LT(5)

BISHOP CALIF SIERRA FARMS DAIRY

131I=LT(10) 137CS=LT(10)
90SR=3PM 51037002704912052589 09 19 68 8290021
K=1.1E00 89SR=LT(5)

BISHOP CALIF SIERRA FARMS

131I=LT(10) 137CS=LT(10)
90SR=2PM 51037002704911052797 10 01 68 8290021
K=1.4E00 89SR=LT(5)

BISHOP CALIF SIERRA FARMS

131I=LT(10) 137CS=LT(10)
90SR=3PM 51037002704912058431 11 07 68 8290021
K=1.6E00 89SR=LT(5)

LONE PINE CALIF LONE PINE DAIRY

131I=LT(10) 137CS=5.0E01
90SR=LT(2)AM 51185502704912050803 07 24 68 8390023
K=1.4E00 89SR=LT(5)

LONE PINE CALIF LONE PINE DAIRY

131I=LT(10) 137CS=3.0E01
90SR=3AM 51185502704911050968 08 06 68 8390023
K=1.4E00 89SR=LT(5)

LONE PINE CALIF LONE PINE DAIRY

131I=LT(10) 137CS=LT(10)
90SR=3PM 51185502704912052588 09 19 68 8390023
K=1.4E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

CALIFORNIA MILK - JULY 1968-DEC 1968

COLLECTED

LONE PINE CALIF LONE PINE DAIRY	AM 51185502704912052798 10 01 68 8390023
131I=LT(10) 137CS=LT(10)	K=1.4E00 89SR=LT(5)
90SR=LT(2)	

LONE PINE CALIF LONE PINE DAIRY	PM 51185502704912058433 11 07 68 8390023
131I=LT(10) 137CS=LT(10)	K=1.6E00 89SR=LT(5)
90SR=3	

OLANCHA CALIF HAYHURST RANCH	AM 51237502704913050800 07 24 68 6370020
131I=LT(100) 137CS=LT(100)	89SR=LT(5) 90SR=LT(2)

OLANCHA CALIF HAYHURST RANCH	AM 51237502704913050966 08 05 68 6370020
131I=LT(100) 137CS=LT(100)	89SR=LT(5) 90SR=LT(2)

SHOSHONE CALIF MESSER RCH	PM 53333502704913058637 11 25 68 6392030
131I=LT(10) 137CS=LT(10)	K=0.6E00 89SR=LT(5)
90SR=LT(2)	

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

ALAMOSA COLO ALAMOSA MILK COMPANY 187W=LT(50) 131I=LT(20) NO CHEM	PM 54001000305812059672 12 10 68 137CS=LT(20) K=1.5E00	211
ALAMOSA COLO ALAMOSA MILK COMPANY 187W=LT(50) 131I=LT(20) NO CHEM	AM 54001000305812059684 12 11 68 137CS=LT(20) K=1.7E00	211
ALAMOSA COLO ALAMOSA MILK COMPANY 187W=LT(50) 131I=LT(20) CHEM	AM 54001000305812060045 12 12 68 K=1.3E00 NO	211
ALAMOSA COLO ALAMOSA MILK COMPANY 187W=LT(50) 131I=LT(20) CHEM	AM 54001000305812060056 12 13 68 K=1.4E00 NO	211
ALAMOSA COLO ALAMOSA MILK COMPANY 187W=LT(50) 131I=LT(20) CHEM	AM 54001000305812060025 12 14 68 K=1.5E00 NO	211
ALAMOSA COLO ALAMOSA MILK COMPANY 187W=LT(50) 131I=LT(20) 90SR=7	AM 54001000305812060163 12 15 68 K=1.1E00 89SR=LT(5)	211
ALAMOSA COLO ALAMOSA MILK COMPANY 187W=LT(50) 131I=LT(20) CHEM	AM 54001000305812060174 12 16 68 K=1.3E00 NO	211
COLORADO SPG COLO SINTON DAIRY CO 187W=LT(50) 131I=LT(20) CHEM	PM 54009004105812060021 12 12 68 K=1.6E00 NO	208

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

COLO SPG COLO SINTON DAIRY CO 187W=LT(50) 131I=LT(20) 90SR=5	PM 54009004105812060165 12 13 68 K=1.1E00 89SR=LT(5)	208
COLO SPGS COLO SINTON DAIRY CO 187W=LT(50) 131I=LT(20) CHEM	PM 54009004105812060158 12 15 68 K=1.3E00 NO	208
COLORADO SPG COLO SINTON DAIRY CO 187W=LT(50) 131I=LT(20) CHEM	AM 54009004105812060370 12 18 68 K=1.3E00 NO	208
COLORADO SPG COLO SINTON DAIRY CO 187W=LT(50) 131I=LT(20) CHEM	AM 54009004105812060369 12 19 68 K=1.3E00 NO	208
COLORADO SPG COLO SINTON DAIRY CO 187W=LT(50) 131I=LT(20) CHEM	PM 54009004105812060550 12 20 68 K=1.6E00 NO	208
CRAIG COLO YAMPA VALLEY DAIRY 187W=LT(50) 131I=LT(20) 90SR=8	PM 54012008105812059940 12 09 68 K=1.4E00 89SR=LT(5)	201
CRAIG COLO YAMPA VALLEY DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	PM 54012008105812059673 12 11 68 137CS=LT(20) K=1.5E00	201
CRAIG COLO YAMPA VALLEY DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54012008105812060075 12 13 68 K=1.3E00 NO	201

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

CRAIG COLO YAMPA VALLEY DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54012008105812060082 12 15 68 K=1.3E00 NO	201
DELTA COLO ARDEN MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54013002905812060027 12 10 68 K=1.2E00 NO	206
DELTA COLO ARDEN MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54013002905812060016 12 11 68 K=1.5E00 NO	206
DELTA COLO ARDEN MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) 90SR=3	AM 54013002905812060032 12 11 68 K=1.5E00 89SR=LT(5)	206
DELTA COLO ARDEN MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54013002905812060028 12 12 68 K=1.5E00 NO	206
DURANGO COLO CLOVER RICH DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	PM 54016006705812059681 12 10 68 137CS=LT(20) K=1.6E00	209
DURANGO COLO CLOVER RICH DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54016006705812060010 12 11 68 K=1.4E00 NO	209
DURANGO COLO CLOVER RICH DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54016006705812060014 12 12 68 K=1.7E00 NO	209

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

DURANGO COLO CLOVER RICH DAIRY	54016006705812059954	12 13 68	209
187W=LT(50) 131I=LT(20)	K=1.3E00	89SR=LT(5)	
90SR=LT(2)			
DURANGO COLO CLOVER RICH DAIRY	54016006705812060078	12 14 68	209
187W=LT(50) 131I=LT(20)	K=1.4E00	NO	
CHEM			
DURANGO COLO CLOVER RICH DAIRY	54016006705812060083	12 15 68	209
187W=LT(50) 131I=LT(20)	K=1.3E00	NO	
CHEM			
DURANGO COLORADO CLOVER RICH DAIRY	AM 54016006705812060338	12 16 68	209
187W=LT(50) 131I=LT(20)	K=1.2E00	NO	
CHEM			
FT COLLINS COLO POUDRE VALLEY DAIRY	AM 54020006905812059442	12 09 68	202
187W=LT(50) 131I=LT(20)	137CS=LT(20)	K=1.6E00	
89SR=LT(5) 90SR=6			
FT COLLINS COLO POUDRE VALLEY DAIRY	AM 54020006905812059443	12 10 68	202
187W=LT(50) 131I=LT(20)	137CS=3.0E01	K=1.6E00	
89SR=LT(5) 90SR=5			
FT COLLINS COLO POUDRE VALLEY DAIRY	AM 54020006905812060011	12 12 68	202
187W=LT(50) 131I=LT(20)	K=1.5E00	NO	
CHEM			
FT COLLINS COLO POUDRE VALLEY DAIRY	PM 54020006905812060017	12 13 68	202
187W=LT(50) 131I=LT(20)	K=1.5E00	NO	
CHEM			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

FT COLLINS COLO POUDRE VALLEY DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54020006905812060161 12 14 68 K=1.0E00 NO	202
FT COLLINS COLO POUDRE VALLEY DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54020006905812060157 12 16 68 K=1.2E00 NO	202
FT COLLINS COLO POUDRE VALLEY DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54020006905812060334 12 16 68 K=1.2E00 NO	202
GLENWOOD SPG COLO GLENWOOD CREAMERY 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=5	AM 54022004505812059436 12 09 68 137CS=LT(20) K=1.6E00	204
GLENWOOD SPG COLO GLENWOOD CREAMERY 187W=LT(50) 131I=LT(20) NO CHEM	AM 54022004505812059437 12 10 68 137CS=LT(20) K=1.7E00	204
GLENWOOD SPG COLO GLENWOOD CREAMERY 187W=LT(50) 131I=LT(20) NO CHEM	AM 54022004505812059683 12 11 68 137CS=LT(20) K=1.7E00	204
GLENWOOD SPG COLO GLENWOOD CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54022004505812059952 12 12 68 K=1.3E00 NO	204
GLENWOOD SPG COLO GLENWOOD CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54022004505812060058 12 13 68 K=1.6E00 NO	204

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

GLENWOOD SPG COLO GLENWOOD CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54022004505812060044 12 14 68 K=1.3E00 NO	204
GRAND JCT COLO CLYMER'S DAIRY 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=4	AM 54024007705812059438 12 10 68 137CS=LT(20) K=1.5E00	205
GRAND JCT COLO CLYMER'S DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54024007705812060070 12 11 68 K=1.4E00 NO	205
GRAND JCT COLO CLYMERS DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024007705812059945 12 12 68 K=1.4E00 NO	205
GRAND JCT COLO CLYMER'S DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024007705812060030 12 13 68 K=1.3E00 NO	205
GRAND JCT COLO CLYMER'S DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024007705812060160 12 14 68 K=1.3E00 NO	205
GRAND JCT COLO CLYMER'S DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024007705812060176 12 15 68 K=1.3E00 NO	205
GRAND JCT COLO CLYMER'S DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54024007705812060178 12 16 68 K=1.3E00 NO	205

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

MONTE VISTA COLO SUNRISE CREAMERY 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=5	AM 54038010505812059435 12 10 68 137CS=LT(20) K=1.8E00	210
MONTE VISTA COLO SUNRISE CREAMERY 187W=LT(50) 131I=LT(20) CHEM	PM 54038010505812059951 12 12 68 K=1.8E00 NO	210
MONTE VISTA COLO SUNRISE CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54038010505812060061 12 14 68 K=1.4E00 NO	210
ROCKY FORD COLO ROCKY FORD COOP 187W=LT(50) 131I=LT(20) 90SR=2	AM 54042008905812059942 12 10 68 K=1.6E00 89SR=LT(5)	213
ROCKY FORD COLO ROCKY FORD COOP 187W=LT(50) 131I=LT(20) NO CHEM	AM 54042008905812059678 12 11 68 137CS=LT(20) K=1.6E00	213
ROCKY FORD COLO ROCKY FORD COOP 187W=LT(50) 131I=LT(20) CHEM	AM 54042008905812059946 12 12 68 K=1.5E00 NO	213
ROCKY FORD COLO ROCKY FORD COOP 187W=LT(50) 131I=LT(20) CHEM	AM 54042008905812060062 12 13 68 K=1.2E00 NO	213
ROCKY FORD COLO ROCKY FORD COOP 187W=LT(50) 131I=LT(20) CHEM	AM 54042008905812060068 12 14 68 K=1.2E00 NO	213

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

COLORADO MILK - JULY 1968-DEC 1968

COLLECTED

ROCKY FORD COLO ROCKY FORD COOP	AM 54042008905812060073	12 15 68	213
187W=LT(50) 131I=LT(20)	K=1.2E00	NO	
CHEM			
ROCKY FORD COLO ROCKY FORD COOP	AM 54042008905812060170	12 16 68	213
187W=LT(50) 131I=LT(20)	K=1.0E00	NO	
CHEM			
SALIDA COLO MONARCH DAIRY	PM 54043001505812059676	12 10 68	207
187W=LT(50) 131I=LT(20)	137CS=LT(20) K=1.5E00		
NO CHEM			
SALIDA COLO MONARCH DAIRY	AM 54043001505812059956	12 13 68	207
187W=LT(50) 131I=LT(20)	K=1.4E00	NO	
CHEM			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

IDAHO MILK - JULY 1968-DEC 1968

COLLECTED

BLACKFOOT IDA CAMMACK DAIRY 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=5	AM 54002001111812059440 12 10 68 137CS=2.0E01 K=1.4E00	230
BLACKFOOT IDA CAMMACK DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54002001111812060041 12 11 68 K=1.3E00 NO	230
BLACKFOOT IDA CAMMACK DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54002001111812059944 12 12 68 K=1.5E00 NO	230
BOISE IDA IDAHO CREAMERIES 187W=LT(50) 131I=LT(20) 90SR=4	54003000111812060052 12 09 68 K=1.5E00 89SR=LT(5)	224
BOISE IDA IDAHO CREAMERIES 187W=LT(50) 131I=LT(20) CHEM	54003000111812060072 12 10 68 K=1.4E00 NO	224
BOISE IDA IDAHO CREAMERIES 187W=LT(50) 131I=LT(20) CHEM	54003000111812060042 12 12 68 K=1.6E00 NO	224
BOISE IDAHO IDAHO CREAMERIES 187W=LT(50) 131I=LT(20) CHEM	54003000111812060022 12 13 68 K=1.5E00 NO	224
BOISE IDA IDAHO CREAMERIES 187W=LT(50) 131I=LT(20) CHEM	54003000111812060033 12 14 68 K=1.5E00 NO	224

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

IDAHO MILK - JULY 1968-DEC 1968

COLLECTED

BUHL IDAHO SMITHS DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	PM 54004008311812060024 12 10 68 K=1.5E00 NO	226
BUHL IDA SMITHS DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	PM 54004008311812060039 12 11 68 K=1.4E00 NO	226
BUHL IDA SMITHS DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) 90SR=3	PM 54004008311812060081 12 12 68 K=1.4E00 89SR=LT(5)	226
BUHL IDA SMITHS DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	PM 54004008311812060040 12 13 68 K=1.6E00 NO	226
BUHL IDA SMITHS DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	PM 54004008311812060236 12 15 68 K=1.0E00 NO	226
BUHL IDA SMITHS DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	PM 54004008311812060332 12 16 68 K=1.1E00 NO	226
BUHL IDA SMITHS DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) NO CHEM	PM 54004008311812059675 12 19 68 137CS=LT(20) K=1.2E00	226
BURLEY IDA STOKERS JERSEY FARM 187W=LT(50) 131I=LT(20) CHEM	AM 54005000311812060015 12 09 68 K=1.6E00 NO	228

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

IDAHO MILK - JULY 1968-DEC 1968

COLLECTED

BURLEY IDA STOKER'S JERSEY FARM 187W=LT(50) 131I=LT(20) CHEM	54005000311812060066 12 11 68 K=1.4E00 NO	228
BURLEY IDA STOKER'S JERSEY FARM 187W=LT(50) 131I=LT(20) CHEM	AM 54005000311812060065 12 12 68 K=1.6E00 NO	228
BURLEY IDA STOKER'S JERSEY FARM 187W=LT(50) 131I=LT(20) 90SR=4	AM 54005000311812060171 12 13 68 K=1.1E00 89SR=LT(5)	228
BURLEY IDA STOKER'S JERSEY FARM 187W=LT(50) 131I=LT(20) CHEM	AM 54005000311812060162 12 14 68 K=1.1E00 NO	228
BURLEY IDA STOKER'S JERSEY FARM 187W=LT(50) 131I=LT(20) CHEM	AM 54005000311812060173 12 15 68 K=1.0E00 NO	228
IDAHO FALLS IDA WALLACE DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54013001911812060069 12 10 68 K=1.3E00 NO	231
IDAHO FALLS IDAHO WALLACE DAIRY 187W=LT(50) 131I=LT(20) 90SR=4	AM 54013001911812059948 12 12 68 K=1.6E00 89SR=LT(5)	231
IDAHO FALLS IDA WALLACE DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54013001911812060239 12 15 68 K=1.2E00 NO	231

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

IDAHO MILK - JULY 1968-DEC 1968

COLLECTED

IDAHO FALLS IDA WALLACE DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54013001911812060242 12 16 68 K=1.2E00 NO	231
JEROME IDA IDA GEM DAIRYMEN 187W=LT(50) 131I=LT(20) CHEM	AM 54014005311812060063 12 10 68 K=1.5E00 NO	227
JEROME IDA IDA GEM DAIRYMEN 187W=LT(50) 131I=LT(20) 90SR=6	AM 54014005311812060012 12 11 68 K=1.6E00 89SR=LT(5)	227
POCATELLO IDA WARDS DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024000511812060008 12 11 68 K=1.5E00 NO	229
POCATELLO IDA WARDS DAIRY 187W=LT(50) 131I=LT(20) 90SR=3	PM 54024000511812060080 12 12 68 K=1.4E00 89SR=LT(5)	229
POCATELLO IDA WARDS DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024000511812060172 12 12 68 K=1.2E00 NO	229
POCATELLO IDA WARDS DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024000511812060333 12 16 68 K=1.0E00 NO	229
POCATELLO IDA WARDS DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54024000511812060372 12 18 68 K=1.4E00 NO	229

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

IDAHO MILK - JULY 1968-DEC 1968

COLLECTED

POCATELLO IDA WARDS DAIRY	PM 54024000511812060496	12 20 68	229
187W=LT(50) 131I=LT(20)	K=1.4E00	NO	
CHEM			

POCATELLO IDA WARDS DAIRY	PM 54024000511812060497	12 21 68	229
187W=LT(50) 131I=LT(20)	K=1.5E00	NO	
CHEM			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

MONTANA MILK - JULY 1968-DEC 1968

COLLECTED

BIG TIMBER MONT SWEET GRASS DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54001809725812060050 12 12 68 K=1.6E00 NO	250
BIG TIMBER MONT SWEET GRASS DAIRY 187W=LT(50) 131I=LT(20) 90SR=15	AM 54001809725812059938 12 13 68 K=1.7E00 89SR=LT(5)	250
BIG TIMBER MONT SWEET GRASS DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54001809725812060049 12 14 68 K=1.3E00 NO	250
BIG TIMBER MONT SWEET GRASS DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54001809725812060169 12 15 68 K=1.3E00 NO	250
BIG TIMBER MONT SWEET GRASS DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54001809725812060175 12 16 68 K=1.3E00 NO	250
BILLINGS MONT BEATRICE FOODS 187W=LT(50) 131I=LT(20) CHEM	PM 54002011125812060168 12 15 68 K=1.2E00 NO	251
BILLINGS MONT BEATRICE FOODS 187W=LT(50) 131I=LT(20) 90SR=3	AM 54002011125812060164 12 16 68 K=1.3E00 89SR=LT(5)	251
BOZEMAN MONT DARIGOLD FARMS 187W=LT(50) 131I=LT(20) CHEM	54003003125812059950 12 11 68 K=1.9E00 NO	249

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

MONTANA MILK - JULY 1968-DEC 1968

COLLECTED

BOZEMAN MONT DARIGOLD FARMS	54003003125812059935	12 13 68	249
187W=LT(50) 131I=LT(20)	K=1.9E00	89SR=LT(5)	
90SR=11			
BOZEMAN MONT DARIGOLD FARMS	PM 54003003125812060037	12 14 68	249
187W=LT(50) 131I=LT(20)	K=1.5E00	89SR=LT(5)	
90SR=6			
GLENDIVE MONT GATE CITY DAIRY	PM 54012002125812060051	12 12 68	253
187W=LT(50) 131I=LT(20)	K=1.5E00	NO	
CHEM			
GLENDIVE MONT GATE CITY DAIRY	PM 54012002125812059947	12 13 68	253
187W=LT(50) 131I=LT(20)	K=1.6E00	89SR=LT(5)	
90SR=6			
GLENDIVE MONT GATE CITY DAIRY	PM 54012002125812060057	12 14 68	253
187W=LT(50) 131I=LT(20)	K=1.2E00	NO	
CHEM			
GREAT FALLS MONT AYRSHIRE DAIRY	54013001325812060156	12 14 68	245
187W=LT(50) 131I=LT(20)	K=1.2E00	NO	
CHEM			
GREAT FALLS MONT AYRSHIRE DAIRY	54013001325812060159	12 15 68	245
187W=LT(50) 131I=LT(20)	K=1.2E00	89SR=LT(5)	
90SR=10			
GREAT FALLS MONT AYRSHIRE DAIRY	PM 54013001325812060331	12 16 68	245
187W=LT(50) 131I=LT(20)	K=1.2E00	NO	
CHEM			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

MONTANA MILK - JULY 1968-DEC 1968

COLLECTED

MILES CITY MONTANA SANITARY DAIRY	AM 54022001725812060243	12 15 68	252
187W=LT(50) 131I=LT(20)	K=1.3E00	89SR=LT(5)	
90SR=5			
MILES CITY MONT SANITARY DAIRY	AM 54022001725812060339	12 15 68	252
187W=LT(50) 131I=LT(20)	K=1.0E00	NO	
CHEM			
MILES CITY MONT SANITARY DAIRY	AM 54022001725812060244	12 17 68	252
187W=LT(50) 131I=LT(20)	K=1.1E00	NO	
CHEM			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

ALAMO NEV STEWARTS DAIRY	PM 53014001727912048947 07 01 68 5902078
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.2E00
NO CHEM	
ALAMO NEV STEWARTS DAIRY	AM 53014001727912048945 07 02 68 5902078
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.4E00
NO CHEM	
ALAMO NEV STEWARTS DAIRY	53014001727912050519 07 20 68 5902078
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.5E00
NO CHEM	
ALAMO NEV STEWARTS DAIRY	PM 53014001727912050545 07 20 68 5902078
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.5E00
NO CHEM	
ALAMO NEV STEWARTS DAIRY	AM 53014001727912050549 07 21 68 5902078
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.5E00
NO CHEM	
ALAMO NEV STEWARTS DAIRY	AM 53014001727912050637 07 22 68 5902078
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.4E00
NO CHEM	
ALAMO NEV STEWARTS DAIRY	AM 53014001727912050655 07 23 68 5902078
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.2E00
NO CHEM	
ALAMO NEV STEWARTS DAIRY	PM 51014001727912050823 07 25 68 5900078
131I=LT(10) 137CS=LT(10)	K=1.7E00 89SR=LT(5)
90SR=2	

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

ALAMO NEV STEWARTS DAIRY
131I=LT(10) 137CS=LT(10)
90SR=3

PM 51014001727912052491 09 10 68 5900078
K=1.4E00 89SR=LT(5)

ALAMO NEV STEWARTS DAIRY
131I=LT(10) 137CS=LT(10)
90SR=LT(2)

AM 51014001727912052724 10 01 68 5900078
K=1.5E00 89SR=LT(5)

ALAMO NEV STEWARTS DAIRY
131I=LT(10) 137CS=LT(10)
90SR=2

PM 51014001727912058365 11 06 68 9990078
K=1.3E00 89SR=LT(5)

AUSTIN NEV YOUNGS RANCH
131I=LT(10) 137CS=LT(10)
90SR=2

AM 51018701527913050830 07 25 68 1910010
K=1.7E00 89SR=LT(5)

AUSTIN NEV YOUNGS RANCH
131I=LT(10) 137CS=LT(10)
90SR=4

AM 51018701527913052529 09 10 68 1930010
K=2.0E00 89SR=LT(5)

AUSTIN NEV YOUNGS RANCH
131I=LT(10) 137CS=LT(10)
90SR=4

AM 51018701527913052890 10 09 68 1930010
K=1.5E00 89SR=LT(5)

AUSTIN NEV YOUNGS RANCH
131I=LT(10) 137CS=LT(10)
90SR=6

PM 51018701527913058461 11 05 68 1930010
K=1.5E00 89SR=LT(5)

AUSTIN NEV YOUNG'S RANCH
187W=5.3E02 131I=LT(20)
90SR=2

AM 54018701527913059218 12 09 68 1932010
K=1.5E00 89SR=5

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

AUSTIN NEV YOUNG'S RANCH

187W=4.1E02 131I=LT(20)
90SR=4AM 54018701527913059224 12 10 68 1932010
K=1.5E00 89SR=LT(5)

AUSTIN NEV YOUNG'S RANCH

187W=LT(50) 131I=LT(20)
89SR=LT(5) 90SR=3AM 54018701527913059463 12 11 68 1932010
137CS=LT(20) K=1.2E00

AUSTIN NEV YOUNGS RANCH

187W=LT(50) 131I=LT(20)
CHEMAM 54018701527913059901 12 12 68 6732010
K=1.6E00 NO

AUSTIN NEV YOUNGS RANCH

187W=LT(50) 131I=LT(20)
CHEMAM 54018701527913059891 12 14 68 6732010
K=1.8E00 NO

AUSTIN NEV YOUNGS RANCH

187W=LT(50) 131I=LT(20)
CHEMAM 54018701527913059892 12 14 68 6732010
K=1.5E00 NO

AUSTIN NEV TRIPLE T RANCH

131I=LT(10) 137CS=LT(10)
90SR=LT(2)AM 51018702327913050829 07 25 68 1910016
K=1.5E00 89SR=LT(5)

AUSTIN NEV TRIPLE T RANCH

131I=LT(10) 137CS=LT(10)
90SR=LT(2)AM 51018702327913052530 09 10 68 1930016
K=1.2E00 89SR=LT(5)

AUSTIN NEV TRIPLE T RANCH

131I=LT(10) 137CS=LT(10)
90SR=3PM 51018702327913052888 10 08 68 1930016
K=1.3E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

AUSTIN NEV TRIPLE T RANCH 131I=LT(10) 137CS=1.0EQ1 90SR=LT(2)	AM 51018702327913058460 11 06 68 1930016 K=1.3E00 89SR=LT(5)
AUSTIN NEV TRIPLE T RCH 131I=LT(20) 137CS=LT(20) 89SR=LT(5) 90SR=2	PM 54018702327913059412 12 09 68 2312016 187W=LT(50) K=1.5E00
AUSTIN NEV TRIPLE T RANCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54018702327913059772 12 11 68 1312016 137CS=LT(20) K=1.5E00
AUSTIN NEV TRIPLE T RANCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54018702327913059770 12 12 68 1312016 137CS=LT(20) K=1.1E00
BATTLE MT NEV T LAZY S RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51020801527913050902 07 30 68 4230050 K=1.5E00 89SR=LT(5)
BATTLE MT NEV T LAZY S RANCH 131I=LT(100) 137CS=LT(100) NO CHEM	AM 51020801527913052233 08 22 68 4230050 NO CHEM
BATTLE MT NEV T LAZY S RANCH 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51020801527913052618 09 18 68 7240050 K=1.5E00 89SR=LT(5)
BATTLE MTN NEV T LAZY S RCH 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=5	PM 54020801527913059518 12 10 68 1922050 137CS=LT(20) K=1.7E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

BELMONT NEV PINE CREEK RANCH 131I=LT(10) 137CS=4.0E01 90SR=8	AM 51021402327913052527 09 12 68 020 K=1.2E00 89SR=LT(5)
BELMONT NEV PINE CREEK RANCH 131I=LT(10) 137CS=1.0E01 90SR=8	AM 51021402327913052889 10 08 68 1210020 K=1.5E00 89SR=LT(5)
BELMONT NEV PINE CREEK RANCH 131I=LT(10) 137CS=3.0E01 90SR=10	PM 51021402327913058462 11 05 68 4230020 K=1.5E00 89SR=LT(5)
BELMONT NEV PINE CREEK RCH 187W=2.3E03 131I=LT(50) 90SR=9	AM 54021402327913059215 12 09 68 1932020 K=1.5E00 89SR=10
BELMONT NEV PINE CREEK RCH 187W=6.4E02 131I=LT(20) 90SR=8	AM 54021402327913059214 12 10 68 1932020 K=1.5E00 89SR=9
BELMONT NEV PINE CREEK RANCH 187W=5.0E02 131I=LT(20) 90SR=8	AM 54021402327913059462 12 11 68 1932020 K=1.5E00 89SR=5
BELMONT NEV PINE CREEK RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54021402327913059817 12 12 68 1932020 K=1.1E00 NO
BELMONT NEV PINE CREEK RANCH 187W=2.2E02 131I=LT(20) 90SR=7	AM 54021402327913059809 12 13 68 1932020 K=1.3E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

BELMONT NEV PINE CREEK RANCH
187W=1.8E02 131I=LT(20)
90SR=7

AM 54021402327913059857 12 14 68 1932020
K=1.2E00 89SR=LT(5)

BELMONT NEV PINE CREEK RANCH
187W=LT(50) 131I=LT(20)
CHEM

AM 54021402327913060102 12 15 68 1932020
K=1.2E00 NO

BEOVAWE NEV FRIESEN RANCH
131I=LT(10) 137CS=LT(10)
90SR=LT(2)

AM 51021601127913050899 07 30 68 2700070
K=1.6E00 89SR=LT(5)

BEOVAWE NEV FRIESEN RANCH
131I=LT(100) 137CS=LT(100)

AM 51021601127913052236 08 22 68 4230070
NO CHEM

BEOVAWE NEV FRIESEN RANCH
131I=LT(10) 137CS=1.0E01
90SR=4

AM 51021601127913052601 09 18 68 4930070
K=1.2E00 89SR=LT(5)

BEOVAWE NEV FRIESEN RANCH
131I=LT(10) 137CS=LT(10)
90SR=6

AM 51021601127913058597 11 21 68 6990070
K=1.5E00 89SR=LT(5)

BEOVAWE NEV FRIESEN RCH
187W=3.4E02 131I=LT(20)
90SR=5

PM 54021601127913059519 12 10 68 6992070
K=1.4E00 89SR=6

CALIENTE NEV TENNILLE RANCH
131I=LT(10) 133I=LT(10)
NO CHEM

AM 53030401727913048946 07 01 68 2702065
137CS=LT(10) K=1.3E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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CALIENTE NEV TENNILLE RANCH	AM 53030401727913048948 07 02 68 2702065
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.3E00
NO CHEM	
CALIENTE NEV YOUNG RANCH	AM 51030401727913050824 07 25 68 6490067
131I=LT(10) 137CS=LT(10)	K=1.4E00 89SR=LT(5)
90SR=3	
CALIENTE NEV YOUNG RANCH	PM 51030401727913052489 09 09 68 6490067
131I=LT(10) 137CS=LT(10)	K=1.1E00 89SR=LT(5)
90SR=LT(2)	
CALIENTE NEV YOUNG RANCH	AM 51030401727913052723 10 02 68 6490067
131I=LT(10) 137CS=LT(10)	K=1.4E00 89SR=LT(5)
90SR=LT(2)	
CALIENTE NEV YOUNG RANCH	PM 51030401727913058360 11 05 68 6490067
131I=LT(10) 137CS=LT(10)	K=1.4E00 89SR=LT(5)
90SR=LT(2)	
CALIENTE NEV YOUNG RANCH	AM 54030401727913059426 12 10 68 6992067
131I=LT(20) 137CS=LT(20)	187W=LT(50) K=1.5E00
NO CHEM	
CHERRY CREEK NEV PARIS AND SONS RANCH	AM 53032103327913050565 07 21 68 2702064
131I=2.0E01 133I=4.0E01	137CS=3.0E01 K=1.4E00
89SR=LT(5) 90SR=LT(2)	
CHERRY CREEK NEV PARIS AND SONS RANCH	53032103327913050622 07 22 68 2702064
131I=2.0E01 133I=LT(10)	137CS=LT(10) K=1.4E00
89SR=LT(5) 90SR=4	

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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CHERRY CREEK NEV PARIS AND SONS RANCH 53032103327913050720 07 23 68 2702064
 131I=LT(10) 133I=LT(10) 137CS=LT(10) K=1.7E00
 NO CHEM

CHERRY CREEK NEV PARIS AND SONS RANCH AM 53032103327913050733 07 24 68 2702064
 131I=3.0E01 133I=LT(10) 137CS=LT(10) K=1.2E00
 NO CHEM

CHERRY CREEK NEV PARIS AND SONS RANCH AM 53032103327913050835 07 26 68 2702064
 131I=LT(10) 133I=LT(10) 137CS=LT(10) NO
 CHEM

CURRANT NEV BLUE EAGLE RANCH AM 53038602327913050415 07 19 68 7212099
 131I=LT(10) 133I=LT(10) 137CS=3.0E01 K=1.5E00
 NO CHEM

CURRANT NEV BLUE EAGLE RANCH PM 53038602327913050527 07 19 68 2212099
 131I=5.0E01 133I=2.8E02 137CS=LT(10) K=1.8E00
 89SR=5 90SR=LT(2)

CURRANT NEV BLUE EAGLE RANCH 53038602327913050561 07 20 68 2212099
 131I=6.0E01 133I=6.0E01 137CS=LT(10) K=1.6E00
 89SR=LT(5) 90SR=2

CURRANT NEV BLUE EAGLE RANCH PM 53038602327913050624 07 21 68 2212099
 131I=5.0E01 133I=LT(10) 137CS=LT(10) K=1.4E00
 89SR=LT(5) 90SR=4

CURRANT NEV BLUE EAGLE RANCH PM 53038602327913050685 07 22 68 2212099
 131I=LT(10) 133I=LT(10) 137CS=LT(10) NO
 CHEM

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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CURRENT NEV BLUE EAGLE RANCH 131I=5.0E01 133I=LT(10) NO CHEM	PM 53038602327913050718 07 23 68 2212099 137CS=LT(10) K=1.5E00
CURRENT NEV BLUE EAGLE RANCH 131I=3.0E01 133I=LT(10) NO CHEM	PM 53038602327913050785 07 24 68 2212099 137CS=LT(10) K=1.5E00
CURRENT NEV BLUE EAGLE RANCH 131I=2.0E01 133I=LT(10) 89SR=LT(5) 90SR=2	PM 53038602327913050834 07 25 68 2212099 137CS=LT(10) K=1.8E00
CURRENT NEV BLUE EAGLE RANCH 131I=2.0E01 137CS=2.0E01 90SR=LT(2)	53038602327913050914 07 31 68 7702099 K=1.3E00 89SR=LT(5)
CURRENT NEVADA BLUE EAGLE RANCH 131I=LT(100) 137CS=LT(100)	PM 53038602327913052093 08 07 68 2702099 89SR=LT(5) 90SR=LT(2)
CURRENT NEV BLUE EAGLE RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51038602327913052248 08 23 68 2700099 K=1.6E00 89SR=LT(5)
CURRENT NEV BLUE EAGLE RANCH 131I=LT(10) 137CS=2.0E01 90SR=LT(2)	AM 51038602327913052614 09 10 68 2700099 K=2.0E00 89SR=LT(5)
CURRENT NEV BLUE EAGLE RANCH 131I=LT(100) 137CS=LT(100)	PM 51038602327913058286 10 26 68 4730099 89SR=LT(5) 90SR=5
CURRENT NEV BLUE EAGLE RANCH 131I=LT(10) 137CS=4.0E01 90SR=3	PM 51038602327913058592 11 20 68 4730099 K=2.0E00 89SR=5

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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CURRENT NEV BLUE EAGLE RCH 187W=1.7E03 131I=LT(50) 90SR=5	PM 54038602327913059015 12 09 68 1732099 K=1.5E00 89SR=LT(5)
CURRENT NEV BLUE EAGLE RCH 187W=1.4E03 131I=LT(50) 90SR=6	PM 54038602327913059761 12 10 68 1732099 K=1.7E00 89SR=LT(5)
CURRENT NEV BLUE EAGLE RCH 187W=7.0E02 131I=7.0E01 90SR=6	PM 54038602327913059766 12 11 68 1732099 K=1.6E00 89SR=LT(5)
CURRENT NEV BLUE EAGLE RANCH 187W=LT(50) 131I=7.0E01 90SR=10	PM 54038602327913059900 12 12 68 1732099 K=1.8E00 89SR=LT(5)
CURRENT NEV BLUE EAGLE RANCH 187W=LT(50) 131I=LT(20) CHEM	PM 54038602327913059893 12 14 68 1732099 K=1.7E00 NO
CURRENT NEV BLUE EAGLE RANCH 187W=LT(50) 131I=LT(20) CHEM	PM 54038602327913060094 12 16 68 1732099 K=1.5E00 NO
CURRENT NEV MANZONIE RCH 187W=5.3E03 131I=LT(50) 90SR=2	AM 54038602327913059013 12 08 68 1232188 K=1.3E00 89SR=LT(5)
CURRENT NEV MANZONIE RANCH 187W=3.5E02 131I=LT(20) 90SR=4	AM 54038602327913059227 12 10 68 1232188 K=1.4E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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CURRENT NEV MANZONIE RCH 187W=2.7E02 131I=LT(20) 90SR=3	AM 54038602327913059512 12 11 68 1232188 K=1.4E00 89SR=LT(5)
CURRENT NEV MANZONIE RCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54038602327913059764 12 12 68 1232188 137CS=LT(20) K=1.4E00
CURRENT NEV MANZONIE RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54038602327913059889 12 13 68 1232188 K=1.7E00 NO
CURRIE NEV BILL LEAR RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53038800727913048962 07 02 68 2570048 137CS=LT(10) K=1.4E00
CURRIE NEV BILL LEAR RANCH (ALT. 100) 131I=LT(10) 137CS=1.0E01 90SR=4	AM 51038800727913058131 10 22 68 4230048 K=1.5E00 89SR=LT(5)
CURRIE NEV BILL LEAR RANCH 187W=1.3E03 131I=LT(20) 90SR=6	PM 54038800727913059513 12 11 68 6232048 K=1.8E00 89SR=LT(5)
CURRIE NEV BILL LEAR RANCH 187W=LT(50) 131I=LT(20) CHEM	PM 54038800727913059888 12 14 68 7332048 K=1.8E00 NO
CURRIE NEV KITT LEAR RANCH 131I=LT(10) 133I=LT(10) CHEM	AM 53038800727913050676 07 22 68 4202100 137CS=LT(10) NO

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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CURRIE NEV KITT LEAR RANCH 131I=LT(10) 133I=LT(10) CHEM	AM 53038800727913050673 07 23 68 4202100 137CS=LT(10) NO
CURRIE NEV KITT LEAR RANCH 131I=LT(10) 133I=LT(10) CHEM	AM 53038800727913050722 07 24 68 2202100 137CS=LT(10) NO
CURRIE NEV KITT LEAR RANCH 131I=LT(100) 137CS=LT(100)	AM 51038800727913050900 07 31 68 2200100 89SR=LT(5) 90SR=2
CURRIE NEV KITT LEAR RANCH 131I=LT(10) 137CS=2.0E01 90SR=6	AM 51038800727913052615 09 16 68 7240100 K=1.7E00 89SR=LT(5)
CURRIE NEV KITT LEAR RANCH 131I=LT(10) 137CS=LT(10) 90SR=8	AM 51038800727913058595 11 20 68 1210100 K=1.8E00 89SR=LT(5)
DEETH NEV LOTSPEICH RANCH 131I=LT(10) 137CS=2.0E01 90SR=9	PM 51041100727913058132 10 21 68 8290136 K=1.5E00 89SR=LT(5)
DEETH NEV LOTSPEICH RANCH 131I=LT(10) 137CS=2.0E01 90SR=9	AM 51041100727913058596 11 21 68 6990136 K=1.5E00 89SR=LT(5)
DEETH NEV LOTSPEICH RANCH 187W=2.2E02 131I=LT(20) 90SR=10	AM 54041100727913059515 12 10 68 6192136 K=1.6E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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DUCKWATER NEV HALSTEAD RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53048002327913050416 07 19 68 7212105 137CS=LT(10) K=1.7E00
DUCKWATER NEV HALSTEAD RANCH 131I=9.0E01 133I=6.0E01 89SR=LT(5) 90SR=LT(2)	AM 53048002327913050530 07 20 68 2212105 137CS=LT(10) K=1.3E00
DUCKWATER NEV HALSTEAD RANCH 131I=3.0E01 133I=LT(10) 89SR=LT(5) 90SR=2	AM 53048002327913050633 07 22 68 2212105 137CS=LT(10) K=1.7E00
DUCKWATER NEV HALSTEAD RANCH 131I=LT(10) 133I=LT(10) CHEM	AM 53048002327913050669 07 23 68 2212105 137CS=LT(10) NO
DUCKWATER NEV HALSTEAD RANCH 131I=3.0E01 133I=LT(10) NO CHEM	AM 53048002327913050725 07 24 68 2212105 137CS=LT(10) K=1.8E00
DUCKWATER NEV HALSTEAD RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53048002327913050836 07 26 68 2212105 137CS=LT(10) K=1.7E00
DUCKWATER NEV HALSTEAD RANCH 131I=LT(100) 137CS=LT(100)	AM 51048002327913052611 09 10 68 2200105 89SR=LT(5) 90SR=4
DUCKWATER NEV HALSTEAD RANCH 131I=LT(10) 137CS=1.0E01 90SR=3	AM 51048002327913058285 10 27 68 4230105 K=1.4E00 89SR=LT(5)
DUCKWATER NEV HALSTEAD RANCH 131I=LT(100) 137CS=LT(100)	AM 51048002327913058591 11 20 68 4230105 89SR=LT(5) 90SR=6

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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DUCKWATER NEV HALSTEAD RANCH
 187W=3.4E03 131I=LT(50)
 90SR=4

AM 54048002327913059012 12 09 68 1232105
 K=1.7E00 89SR=5

DUCKWATER NEV HALSTEAD RANCH
 187W=9.8E02 131I=LT(50)
 90SR=6

AM 54048002327913059228 12 10 68 1232105
 K=1.5E00 89SR=LT(5)

DUCKWATER NEV HALSTEAD RCH
 187W=1.3E03 131I=9.0E01
 90SR=7

AM 54048002327913059523 12 11 68 1232105
 K=1.8E00 89SR=LT(5)

DUCKWATER NEV HALSTEAD RCH
 187W=LT(50) 131I=6.0E01
 89SR=LT(5) 90SR=4

AM 54048002327913059763 12 12 68 1232105
 137CS=2.0E01 K=1.3E00

DUCKWATER NEV HALSTEAD RANCH
 187W=LT(50) 131I=5.0E01
 90SR=5

AM 54048002327913059899 12 13 68 1232105
 K=1.7E00 89SR=LT(5)

DUCKWATER NEV HALSTEAD RANCH
 187W=LT(50) 131I=6.0E01
 90SR=3

AM 54048002327913059895 12 14 68 1232105
 K=1.4E00 89SR=LT(5)

DUCKWATER NEV HALSTEAD RANCH
 187W=LT(50) 131I=LT(20)
 CHEM

PM 54048002327913060095 12 16 68 1232105
 K=1.5E00 NO

ELKO NEV ANCHOR S RANCH
 131I=LT(10) 137CS=LT(10)
 90SR=LT(2)

AM 51054400727913050898 07 31 68 6290194
 K=1.7E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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ELKO NEV ANCHOR S RANCH
131I=LT(100) 137CS=LT(100)

AM 51054400727913052237 08 20 68 7940194
NO CHEM

ELKO NEV ANCHOR S RANCH
131I=LT(10) 137CS=2.0E01
90SR=3

AM 51054400727913058133 10 23 68 6990194
K=1.6E00 89SR=6

ELKO NEV ANCHOR S RANCH
131I=LT(30) 137CS=LT(30)

AM 51054400727913058594 11 21 68 6990194
89SR=LT(5) 90SR=6

ELKO NEV ANCHOR S RCH
187W=3.3E03 131I=LT(50)
90SR=4

PM 54054400727913059524 12 10 68 1932194
K=1.9E00 89SR=LT(5)

ELKO NEV ANCHOR S RANCH
187W=LT(50) 131I=LT(20)
CHEM

PM 54054400727913059890 12 14 68 1332194
K=1.9E00 NO

EUREKA NEV MORRISON RCH
187W=8.3E02 131I=LT(20)
90SR=10

AM 54058601127913059019 12 09 68 8192089
K=1.1E00 89SR=LT(5)

EUREKA NEV MORRISON RCH
187W=4.6E02 131I=LT(20)
90SR=7

PM 54058601127913059415 12 10 68 1312089
K=1.5E00 89SR=8

EUREKA NEV MORRISON RANCH
187W=LT(50) 131I=LT(20)
NO CHEM

PM 54058601127913059773 12 11 68 1332089
137CS=LT(20) K=1.4E00

EUREKA NEV MORRISON RANCH
187W=6.9E02 131I=LT(20)
90SR=7

AM 54058601127913059771 12 12 68 1332089
K=1.4E00 89SR=7

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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EUREKA NEV MORRISON RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54058601127913059894 12 13 68 1332089 K=1.7E00 NO
EUREKA NEV MORRISON RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54058601127913060100 12 15 68 1332089 K=1.9E00 NO
EUREKA NEV MARTIN RANCH 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51058602327913050828 07 25 68 2900079 K=1.6E00 89SR=LT(5)
EUREKA NEV MARTIN RANCH 131I=LT(100) 137CS=LT(100)	AM 51058602327913052526 09 11 68 1930079 89SR=LT(5) 90SR=7
EUREKA NEV MARTIN RANCH 131I=LT(10) 137CS=2.0E01 90SR=6	AM 51058602327913052886 10 08 68 1930079 K=1.9E00 89SR=LT(5)
EUREKA NEV MARTIN RANCH 131I=LT(10) 137CS=2.0E01 90SR=6	AM 51058602327913058459 11 05 68 1930079 K=1.7E00 89SR=LT(5)
GEYSER MAINT STA NEV CHAVIS RANCH 187W=9.1E03 131I=LT(50) 90SR=3	PM 54071901727913059021 12 09 68 6932113 K=1.5E00 89SR=LT(5)
GEYSER MAINT STA NEV CHAVIS RANCH 187W=7.3E03 131I=LT(50) 90SR=2	AM 54071901727913059220 12 10 68 6932113 K=1.2E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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GEYSER MAINT STA NEV CHAVIS RANCH 187W=4.1E03 131I=LT(50) 90SR=3	AM 54071901727913059422 12 11 68 6932113 K=1.2E00 89SR=LT(5)
GEYSER MAINT STA NEV CHAVIS RCH 187W=2.8E03 131I=LT(50) CHEM	AM 54071901727913059759 12 12 68 6932113 K=1.3E00 NO
GEYSER MAINT STA NEV CHAVIS RCH 187W=9.5E02 131I=LT(50) 90SR=5	AM 54071901727913059775 12 13 68 6932113 K=1.2E00 89SR=LT(5)
GEYSER MAINT STA NEV CHAVIS RANCH 187W=4.2E02 131I=4.0E01 90SR=4	AM 54071901727913059798 12 14 68 6992113 K=1.3E00 89SR=LT(5)
GEYSER MAINT STA NEV CHAVIS RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54071901727913060101 12 15 68 6992113 K=1.3E00 NO
HIKO NEV SCHOFIELD DAIRY 131I=3.0E01 133I=LT(10) 89SR=LT(5) 90SR=LT(2)	PM 53083401727912048950 07 01 68 3412057 137CS=LT(10) K=1.3E00
HIKO NEV SCHOFIELD DAIRY 131I=3.0E01 133I=LT(10) 89SR=LT(5) 90SR=LT(2)	AM 53083401727912048949 07 02 68 3412057 137CS=LT(10) K=1.2E00
HIKO NEV SCHOFIELD DAIRY 131I=3.0E01 133I=LT(10) 89SR=LT(5) 90SR=2	PM 53083401727912050022 07 06 68 057 137CS=LT(10) K=1.4E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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HIKO NEV SCHOFIELD DAIRY	AM 53083401727912050025 07 08 68 3412057
131I=3.0E01 133I=LT(10)	137CS=LT(10) K=1.6E00
89SR=LT(5) 90SR=LT(2)	
HIKO NEV SCHOFIELD DAIRY	PM 53083401727912050171 07 09 68 3402057
131I=LT(10) 137CS=LT(10)	K=1.1E00 NO
CHEM	
HIKO NEV SCHOFIELD DAIRY	PM 53083401727912050170 07 10 68 3402057
131I=LT(10) 137CS=LT(10)	K=1.4E00 NO
CHEM	
HIKO NEV SCHOFIELD DAIRY	AM 53083401727912050358 07 19 68 3913057
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.5E00
NO CHEM	
HIKO NEV SCHOFIELD DAIRY	AM 53083401727912050521 07 20 68 3402057
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.1E00
NO CHEM	
HIKO NEV SCHOFIELD DAIRY	PM 53083401727912050548 07 20 68 3402057
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.2E00
NO CHEM	
HIKO NEV SCHOFIELD DAIRY	AM 53083401727912050550 07 21 68 3402057
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.4E00
NO CHEM	
HIKO NEV SCHOFIELD DAIRY	AM 53083401727912050639 07 22 68 3402057
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.4E00
NO CHEM	

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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HIKO NEV SCHOFIELD DAIRY

131I=LT(10)

133I=LT(10)

NO

CHEM

AM 53083401727912050654 07 23 68 3402057

137CS=LT(10)

K=1.3E00

HIKO NEV SCHOFIELD DAIRY

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

PM 51083401727912050827 07 25 68 3400057

K=1.6E00

89SR=LT(5)

HIKO NEV SCHOFIELD DAIRY

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

PM 51083401727912052492 09 10 68 3400057

K=1.4E00

89SR=LT(5)

HIKO NEV SCHOFIELD DAIRY

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

AM 51083401727912052725 10 02 68 3400057

K=1.4E00

89SR=LT(5)

HIKO NEV SCHOFIELD DAIRY

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

PM 51083401727912058361 11 06 68 6460057

K=1.4E00

89SR=LT(5)

HIKO NEV SCHOFIELD DAIRY

187W=7.0E01

131I=LT(20)

90SR=2

PM 54083401727912059192 12 10 68 6992057

K=1.8E00

89SR=LT(5)

HIKO NEV SCHOFIELD DAIRY

187W=LT(50)

131I=LT(20)

NO

CHEM

AM 54083401727912059765 12 13 68 6992057

137CS=LT(20)

K=1.4E00

INDIAN SPRINGS NEV FISHER RANCH

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

PM 51095000327913052727 09 30 68 8390203

K=1.7E00

89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

LAS VEGAS NEV LDS DAIRY FARMS 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120700327912052373 09 05 68 9960129 K=1.4E00 89SR=LT(5)	
LAS VEGAS NEV LDS DAIRY FARMS 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120700327912052792 10 04 68 9960129 K=1.5E00 89SR=LT(5)	
LAS VEGAS NEV LDS DAIRY FARMS 131I=LT(10) 137CS=LT(10) 90SR=2	AM 51120700327912058395 11 08 68 9960129 K=1.4E00 89SR=LT(5)	
LAS VEGAS NEV LDS DAIRY FARMS 131I=LT(20) 133I=LT(20) 89SR=LT(5) 90SR=2	AM 53120700327912058742 12 05 68 9992129 137CS=LT(20) K=1.4E00	
LAS VEGAS NEV LDS DAIRY FARMS 131I=LT(20) 133I=LT(20) NO CHEM	AM 53120700327912058822 12 06 68 9962129 137CS=LT(20) K=1.8E00	
LAS VEGAS NEV ANDERSON DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120700327911050018 07 05 68 0000302 K=1.5E00 89SR=LT(5)	
LAS VEGAS NEV ANDERSON DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51120700327911052217 08 23 68 302 K=1.7E00 89SR=LT(5)	
LAS VEGAS NEV ANDERSON DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120700327911052372 09 05 68 302 K=1.3E00 89SR=LT(5)	

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

LAS VEGAS NEV ANDERSON DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120700327911052793 10 04 68 K=1.5E00 89SR=LT(5)	302
LAS VEGAS NEV ANDERSON DAIRY 131I=LT(10) 137CS=LT(10) 90SR=2	PM 51120700327911058397 11 08 68 K=1.5E00 89SR=LT(5)	302
LAS VEGAS NEV ARDEN DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120700327911050020 07 05 68 K=1.4E00 89SR=LT(5)	0000303
LAS VEGAS NEV ARDEN DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51120700327911052218 08 23 68 K=1.4E00 89SR=LT(5)	303
LAS VEGAS NEV ARDEN DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51120700327911052374 09 05 68 K=1.4E00 89SR=LT(5)	303
LAS VEGAS NEV ARDEN DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120700327911052794 10 04 68 K=1.5E00 89SR=LT(5)	303
LAS VEGAS NEV ARDEN DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51120700327911058396 11 08 68 K=1.3E00 89SR=LT(5)	303
LATHROP WELLS NEV MILLS RANCH 131I=LT(20) 133I=LT(20) 89SR=LT(5) 90SR=2	AM 53120902327913058834 12 06 68 137CS=LT(20) K=1.5E00	6392127

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

LATHROP WELLS NEV MILLS RANCH 131I=LT(20) 137CS=LT(20) 90SR=LT(2)	AM 53120902327913058848 12 07 68 6992127 K=1.4E00 89SR=LT(5)
LATHROP WELLS NEV HORD RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51120902327913050779 07 24 68 6490206 K=1.8E00 89SR=LT(5)
LATHROP WELLS NEV HORD RANCH 131I=LT(100) 137CS=LT(100)	PM 51120902327913052183 08 19 68 6490206 89SR=LT(5) 90SR=LT(2)
LATHROP WELLS NEV HORDS RANCH 131I=LT(100) 137CS=LT(100)	AM 51120902327913052430 09 09 68 6490206 89SR=LT(5) 90SR=LT(2)
LATHROP WELLS NEV HORDS RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51120902327913052726 09 30 68 6490206 K=1.5E00 89SR=LT(5)
LATHROP WELLS NEV HORDS RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51120902327913058327 11 05 68 6490206 K=1.5E00 89SR=LT(5)
LATHROP WELLS NEV HORD RCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 53120902327913058636 11 25 68 6392206 K=1.3E00 89SR=LT(5)
LATHROP WELLS NEV HORD RANCH 131I=LT(20) 133I=LT(20) 89SR=LT(5) 90SR=LT(2)	AM 53120902327913058838 12 06 68 6362206 137CS=LT(20) K=1.2E00
LATHROP WELLS NEV HORD RANCH 131I=LT(20) 137CS=LT(20) 90SR=2	AM 53120902327913058850 12 07 68 6952206 K=1.4E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

LATHROP WELLS NEV COPELAND

131I=LT(20)

133I=LT(20)

89SR=LT(5)

90SR=LT(2)

PM 53120902327913058833 12 06 68 6392209

137CS=LT(20)

K=1.6E00

LATHROP WELLS NEV COPELAND FARM

131I=LT(20)

137CS=LT(20)

90SR=2

AM 53120902327913058849 12 07 68 6992209

K=1.5E00

89SR=LT(5)

LOGANDALE NEV VEGAS VALLEY DAIRY

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

PM 51125200327911050820 07 24 68

301

K=1.7E00

89SR=LT(5)

LOGANDALE NEV VEGAS VALLEY DAIRY

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

AM 51125200327912052211 08 20 68

301

K=1.5E00

89SR=LT(5)

LOGANDALE NEV VEGAS VALLEY DAIRY

131I=LT(10)

137CS=LT(10)

CHEM

AM 51125200327912052461 09 09 68

301

K=1.6E00

NO

LOGANDALE NEV VEGAS VALLEY DAIRY

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

AM 51125200327912052728 10 01 68 0000301

K=1.6E00

89SR=LT(5)

LOGANDALE NEV VEGAS VALLEY DAIRY

131I=LT(10)

137CS=LT(10)

90SR=3

AM 51125200327912058390 11 05 68

301

K=1.5E00

89SR=LT(5)

LOGANDALE NEV VEGAS VALLEY DAIRY

131I=LT(10)

137CS=LT(10)

90SR=3

AM 51125200327912060817 12 31 68 0000301

K=1.4E00

89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

LUND NEV MCKENZIE DAIRY	AM 53128503327912050418 07 19 68 6992077
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.4E00
NO CHEM	
LUND NEV MCKENZIE DAIRY	AM 53128503327912050529 07 20 68 6982077
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.3E00
NO CHEM	
LUND NEV MCKENZIE DAIRY	AM 53128503327912050563 07 21 68 6982077
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.4E00
NO CHEM	
LUND NEV MCKENZIE DAIRY	AM 53128503327912050634 07 22 68 6982077
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.5E00
NO CHEM	
LUND NEV MCKENZIE DAIRY	AM 53128503327912050674 07 23 68 6982077
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.4E00
NO CHEM	
LUND NEV MCKENZIE DAIRY	PM 51128503327912052194 08 20 68 6930077
131I=LT(10) 137CS=LT(10)	K=1.4E00 89SR=LT(5)
90SR=2	
LUND NEV MCKENZIE DAIRY	AM 51128503327912052612 09 13 68 6990077
131I=LT(10) 137CS=LT(10)	K=1.3E00 89SR=LT(5)
90SR=LT(2)	
LUND NEV MCKENZIE DAIRY	AM 51128503327912058288 10 26 68 6990077
131I=LT(10) 137CS=LT(10)	K=1.6E00 89SR=LT(5)
90SR=2	

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

LUND NEV MCKENZIE DAIRY 131I=LT(10) 137CS=LT(10) 90SR=6	51128503327912058539 11 19 68 6990077 K=1.4E00 89SR=LT(5)
LUND NEVADA MCKENZIE DAIRY 187W=1.2E03 131I=LT(50) 90SR=3	PM 54128503327912059014 12 09 68 6992077 K=1.6E00 89SR=LT(5)
LUND NEV MCKENZIE DAIRY 187W=8.9E02 131I=LT(20) 90SR=3	AM 54128503327912059022 12 09 68 6992077 K=1.4E00 89SR=LT(5)
LUND NEV MCKENZIE DAIRY 187W=1.7E03 131I=LT(50) 90SR=LT(2)	AM 54128503327912059191 12 10 68 6992077 K=1.5E00 89SR=LT(5)
LUND NEV MCKENZIE DAIRY 187W=3.4E02 131I=LT(20) 90SR=3	PM 54128503327912059521 12 11 68 6992077 K=1.4E00 89SR=LT(5)
LUND NEV MCKENZIE DAIRY 187W=1.6E02 131I=LT(20) 90SR=3	AM 54128503327912059488 12 12 68 6992077 K=1.6E00 89SR=LT(5)
LUND NEV MCKENZIE DAIRY 187W=2.9E02 131I=LT(20) 90SR=2	PM 54128503327912059767 12 12 68 6992077 K=1.6E00 89SR=LT(5)
LUND NEV MCKENZIE DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54128503327912059887 12 13 68 6992077 K=1.8E00 NO

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

LUND NEV MCKENZIE DAIRY
187W=LT(50) 131I=LT(20)
CHEM

AM 54128503327912059897 12 13 68 6992077
K=1.5E00 NO

LUND NEV MCKENZIE DAIRY
187W=LT(50) 131I=LT(20)
CHEM

AM 54128503327912059896 12 14 68 6992077
K=1.5E00 NO

LUND NEV MCKENZIE DAIRY
187W=LT(50) 131I=LT(20)
CHEM

PM 54128503327912059898 12 14 68 6992077
K=1.7E00 NO

LUND NEV MCKENZIE DAIRY
187W=LT(50) 131I=LT(20)
CHEM

AM 54128503327912060093 12 15 68 6992077
K=1.3E00 NO

LUND NEV MCKENZIE DAIRY
187W=LT(50) 131I=LT(20)
CHEM

PM 54128503327912060104 12 15 68 6992077
K=1.2E00 NO

LUND NEV MCKENZIE DAIRY
187W=LT(50) 131I=LT(20)
CHEM

AM 54128503327912060097 12 16 68 6992077
K=1.4E00 NO

LUND NEV MCKENZIE DAIRY
187W=LT(50) 131I=LT(20)

PM 54128503327912060103 12 16 68 6992077
NO CHEM

LUND NEV MCKENZIE DAIRY
131I=LT(10) 137CS=LT(10)
90SR=2

AM 51128503327912060925 12 31 68 6990077
K=1.8E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

MCGILL NEV LARSEN RANCH

131I=LT(10) 133I=LT(10)
NO CHEM

AM 53130303327913050623 07 22 68 1912030
137CS=LT(10) K=1.1E00

MCGILL NEV LARSEN RANCH

131I=LT(10) 133I=LT(10)
NO CHEM

AM 53130303327913050717 07 23 68 1912030
137CS=LT(10) K=1.5E00

MCGILL NEV LARSEN RANCH

131I=LT(10) 133I=LT(10)
NO CHEM

AM 53130303327913050716 07 24 68 1912030
137CS=LT(10) K=1.4E00

MCGILL NEV LARSEN RANCH

131I=LT(100) 137CS=LT(100)

PM 51130303327913052249 08 22 68 6990030
89SR=LT(5) 90SR=6

MCGILL NEV LARSEN RANCH

131I=LT(10) 137CS=LT(10)
90SR=2

PM 51130303327913052622 09 11 68 6990030
K=1.7E00 89SR=LT(5)

MCGILL NEV LARSEN RANCH

131I=LT(10) 137CS=LT(10)
90SR=5

PM 51130303327913058585 11 19 68 6990030
K=1.4E00 89SR=LT(5)

MCGILL NEVADA LARSEN RANCH

187W=2.5E03 131I=LT(50)
90SR=3

AM 54130303327913059018 12 09 68 6932030
K=1.2E00 89SR=LT(5)

MCGILL NEV LARSEN RANCH

187W=9.1E02 131I=LT(20)
90SR=2

AM 54130303327913059514 12 11 68 6932030
K=1.1E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

MCGILL NEV LARSEN RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54130303327913060098 12 16 68 030 K=1.5E00 NO
MCGILL NEV LARSEN RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51130303327913060920 12 30 68 1930030 K=1.5E00 89SR=LT(5)
MANHATTAN NEV LEE HIATT RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51130502327913050831 07 25 68 1910018 K=1.7E00 89SR=LT(5)
MESQUITE NEV HUGHES BROS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=2	PM 51131600327912050822 07 24 68 9380062 K=1.5E00 89SR=LT(5)
MESQUITE NEV HUGHES BROS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=4	PM 51131600327912052210 08 20 68 9380062 K=1.3E00 89SR=LT(5)
MESQUITE NEV HUGHES BROS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51131600327912052460 09 09 68 9380062 K=1.4E00 89SR=LT(5)
MESQUITE NEV HUGHES BROS DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51131600327912052730 10 01 68 9380062 K=1.4E00 89SR=LT(5)
MESQUITE NEV HUGHES BROS DAIRY 131I=LT(10) 137CS=1.0E01 90SR=LT(2)	PM 51131600327912058389 11 03 68 9380062 K=1.4E00 89SR=LT(5)

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

MESQUITE NEV HUGHES BROS DAIRY
 131I=LT(20) 133I=LT(20)
 NO CHEM

PM 53131600327912058754 12 05 68 6992062
 137CS=LT(20) K=1.2E00

MESQUITE NEV HUGHES BROS DAIRY
 131I=LT(20) 133I=LT(20)
 NO CHEM

AM 53131600327912058828 12 06 68 5392062
 137CS=LT(20) K=1.6E00

MOAPA NEV SEARLES DAIRY
 131I=LT(10) 137CS=LT(10)
 90SR=2

AM 51135000327912050825 07 24 68 6490071
 K=1.4E00 89SR=LT(5)

MOAPA NEV SEARLES DAIRY
 131I=LT(10) 137CS=LT(10)
 90SR=LT(2)

AM 51135000327912052488 09 09 68 6490071
 K=1.5E00 89SR=LT(5)

MOAPA NEV SEARLES DAIRY
 131I=LT(10) 137CS=LT(10)
 90SR=2

AM 51135000327912052722 10 01 68 6490071
 K=1.7E00 89SR=LT(5)

MOAPA NEV SEARLES DAIRY
 131I=LT(10) 137CS=1.0E01
 90SR=3

AM 51135000327912058359 11 05 68 6490071
 K=1.6E00 89SR=LT(5)

MOAPA NEV SEARLES DAIRY
 131I=LT(20) 133I=LT(20)
 NO CHEM

AM 53135000327912058755 12 05 68 6992071
 137CS=LT(20) K=1.7E00

MOAPA NEV SEARLES DAIRY
 131I=LT(20) 133I=LT(20)
 NO CHEM

AM 53135000327912058826 12 06 68 6792071
 137CS=LT(20) K=1.3E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

MONTELLLO NEV GAMBLE 4 MILE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53135500727913050626 07 22 68 4912030 137CS=LT(10) K=1.6E00
MONTELLLO NEV GAMBLE 4 MILE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53135500727913050668 07 23 68 4912030 137CS=LT(10) K=1.8E00
MONTELLLO NEV GAMBLE 4 MILE RANCH 131I=LT(10) 137CS=2.0E01 90SR=LT(2)	AM 51135500727913050901 07 29 68 4910030 K=1.7E00 89SR=LT(5)
MONTELLLO NEV GAMBLE 4 MILE RANCH 131I=LT(10) 137CS=LT(10) CHEM	AM 51135500727913052234 08 21 68 4930030 K=1.5E00 NO
MONTELLLO NEV GAMBLE 4 MILE RANCH 131I=LT(10) 137CS=LT(10) 90SR=4	AM 51135500727913058130 10 22 68 6990030 K=1.7E00 89SR=LT(5)
MONTELLLO NEV GAMBLE 4 MILE RANCH 131I=LT(10) 137CS=LT(10) 90SR=2	PM 51135500727913058593 11 20 68 1930030 K=1.4E00 89SR=LT(5)
MONTELLLO NEV GAMBLE 4-MILE RCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54135500727913059522 12 10 68 1932030 137CS=LT(20) K=1.5E00
NYALA NEV SHARPS RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53149002327913050422 07 19 68 4932054 137CS=LT(10) K=1.6E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

COLLECTED

NYALA NEV SHARPS RANCH

131I=3.0E01

133I=1.0E02

89SR=LT(5)

90SR=LT(2)

AM 53149002327913050518 07 20 68 4932054

137CS=LT(10)

K=1.1E00

NYALA NEV SHARPS RANCH

131I=2.0E01

133I=4.0E01

89SR=LT(5)

90SR=3

AM 53149002327913050572 07 21 68 4932054

137CS=LT(10)

K=1.5E00

NYALA NEV SHARPS RANCH

131I=2.0E01

133I=LT(10)

89SR=LT(5)

90SR=LT(2)

AM 53149002327913050599 07 22 68 4932054

137CS=LT(10)

K=1.1E00

NYALA NEV SHARPS RANCH

131I=3.0E01

133I=LT(10)

89SR=LT(5)

90SR=4

AM 53149002327913050687 07 23 68 4932054

137CS=LT(10)

K=1.2E00

NYALA NEV SHARPS RANCH

131I=LT(10)

133I=LT(10)

NO

CHEM

AM 53149002327913050723 07 24 68 4932054

137CS=LT(10)

K=1.4E00

NYALA NEV SHARPS RANCH

131I=LT(10)

133I=LT(10)

NO

CHEM

AM 53149002327913050786 07 25 68 4932054

137CS=LT(10)

K=1.4E00

NYALA NEV SHARPS RANCH

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

AM 51149002327913052404 09 05 68 054

K=1.4E00

89SR=LT(5)

NYALA NEV SHARPS RANCH

131I=LT(10)

137CS=LT(10)

90SR=4

AM 51149002327913052958 10 15 68 6990054

K=1.4E00

89SR=LT(5)

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

NEVADA MILK - JULY 1968-DEC 1968

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NYALA NEV SHARPS RANCH 131I=LT(10) 137CS=1.0E01 90SR=3	PM 51149002327913058444 11 07 68 1930054 K=1.5E00 89SR=LT(5)
NYALA NEV SHARP'S RANCH 187W=3.1E03 131I=LT(50) 90SR=6	AM 54149002327913059011 12 09 68 6962054 K=1.3E00 89SR=LT(5)
NYALA NEV SHARP'S RANCH 187W=3.6E03 131I=LT(50) 90SR=3	AM 54149002327913059226 12 10 68 1932054 K=1.5E00 89SR=LT(5)
NYALA NEV SHARP'S RANCH 187W=1.2E03 131I=LT(20) 90SR=5	AM 54149002327913059461 12 11 68 1932054 K=1.4E00 89SR=LT(5)
NYALA NEV SHARPS RANCH 187W=4.8E02 131I=4.0E01 90SR=4	AM 54149002327913059818 12 12 68 1932054 K=1.4E00 89SR=LT(5)
NYALA NEV SHARPS RANCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54149002327913059797 12 13 68 1932054 137CS=2.0E01 K=1.8E00
NYALA NEV SHARPS RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54149002327913059964 12 14 68 1932054 K=1.5E00 NO
NYALA NEV SHARPS RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54149002327913059963 12 15 68 6992054 K=1.7E00 NO

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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NYALA NEV SHARPS RANCH

187W=LT(50) 131I=3.0E01
CHEMAM 54149002327913060099 12 16 68 6992054
K=1.7E00 NO

NYALA NEV CASEYS RANCH

131I=LT(10) 137CS=LT(10)
90SR=7PM 51149002327913052957 10 15 68 6990071
K=1.5E00 89SR=LT(5)

NYALA NEVADA CASEY'S RANCH

187W=3.4E03 131I=LT(50)
90SR=5AM 54149002327913059016 12 09 68 6962071
K=1.6E00 89SR=LT(5)

NYALA NEV CASEY'S RANCH

187W=4.4E03 131I=LT(50)
90SR=8AM 54149002327913059216 12 10 68 1932071
K=1.5E00 89SR=LT(5)

NYALA NEV CASEY'S RANCH

187W=8.3E02 131I=LT(20)
90SR=7AM 54149002327913059460 12 11 68 1932071
K=1.4E00 89SR=LT(5)

NYALA NEV CASEY'S RANCH

187W=5.5E02 131I=LT(20)
90SR=4AM 54149002327913059821 12 12 68 1932071
K=1.4E00 89SR=LT(5)

NYALA NEV CASEYS RANCH

187W=2.1E02 131I=LT(20)
90SR=4AM 54149002327913059808 12 13 68 1932071
K=1.6E00 89SR=LT(5)

NYALA NEV CASEYS RANCH

187W=LT(50) 131I=LT(20)
CHEMAM 54149002327913059960 12 14 68 1932071
K=1.7E00 NO

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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NYALA NEV CASEYS RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54149002327913059962 12 15 68 6282071 K=1.7E00 NO
NYALA NEV CASEYS RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54149002327913060092 12 16 68 6292071 K=1.3E00 NO
PAHRUMP NEV ANDERSON RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51160202327913050781 07 25 68 1930169 K=1.6E00 89SR=LT(5)
PAHRUMP NEV ANDERSON RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51160202327913052185 08 21 68 1930169 K=1.3E00 89SR=LT(5)
PAHRUMP NEV ANDERSON RANCH 131I=LT(10) 137CS=LT(10) 90SR=4	PM 51160202327913052432 09 09 68 1930169 K=1.6E00 89SR=LT(5)
PAHRUMP NEV ANDERSON RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51160202327913052786 10 03 68 1930169 K=1.4E00 89SR=LT(5)
PAHRUMP NEV ANDERSEN RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51160202327913058350 11 06 68 1930169 K=1.5E00 89SR=LT(5)
PAHRUMP NEV V ANDREWS 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 53160202327913058633 11 24 68 6992373 K=1.1E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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PAHRUMP NEV V ANDREWS

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

PM 53160202327913058634 11 25 68 6992373

K=1.0E00

89SR=LT(5)

PANACA NEV COX RANCH

131I=LT(10)

133I=LT(10)

NO

CHEM

AM 53160601727913050359 07 19 68 7242022

137CS=LT(10)

K=1.1E00

PANACA NEV COX RANCH

131I=LT(10)

133I=LT(10)

NO

CHEM

AM 53160601727913050552 07 21 68 2402022

137CS=LT(10)

K=1.5E00

PANACA NEV COX RANCH

131I=LT(10)

133I=LT(10)

NO

CHEM

AM 53160601727913050640 07 22 68 2402022

137CS=LT(10)

K=1.5E00

PANACA NEV COX RANCH

131I=LT(10)

133I=LT(10)

NO

CHEM

AM 53160601727913050656 07 23 68 2402022

137CS=LT(10)

K=1.3E00

PANACA NEV KENNETH LEE RANCH

131I=LT(10)

137CS=LT(10)

90SR=3

AM 51160601727913050826 07 24 68 6790069

K=1.6E00

89SR=LT(5)

PANACA NEV KENNETH LEE RANCH

131I=LT(10)

137CS=1.0E01

90SR=3

AM 51160601727913052490 09 10 68 6790069

K=1.5E00

89SR=LT(5)

PANACA NEV KENNETH LEE RANCH

131I=LT(10)

137CS=LT(10)

90SR=LT(2)

AM 51160601727913052721 10 01 68 6790069

K=1.4E00

89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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PANACA NEV KENNETH LEE RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51160601727913058364 11 06 68 6790069 K=1.4E00 89SR=LT(5)
PANACA NEV KENNETH LEE RANCH 131I=LT(20) 137CS=LT(20) 90SR=2	AM 54160601727913059423 12 11 68 6992069 187W=LT(50) 89SR=LT(5)
PANACA NEV KENNETH LEE RANCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54160601727913059762 12 12 68 6992069 137CS=LT(20) K=1.2E00
PANCAKE SUMMIT NEV CIRCLE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53160703327913050635 07 21 68 2102020 137CS=LT(10) K=1.5E00
PANCAKE SUMMIT NEV CIRCLE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53160703327913050671 07 22 68 2102020 137CS=LT(10) K=1.6E00
PANCAKE SUMMIT NEV CIRCLE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53160703327913050681 07 23 68 2102020 137CS=2.0E01 K=1.5E00
PIOCHE NEV WILLIAMS & SONS GOAT 187W=1.1E04 131I=LT(50) CHEM	PM 54163501727910059017 12 09 68 1432118 K=1.2E00 NO
ROUND MT NEV POPE RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51185802327913052528 09 10 68 6910063 K=1.4E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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ROUND MT NEV C L POPE 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51185802327913052887 10 09 68 6910063 K=1.3E00 89SR=LT(5)
SHOSHONE NEV KIRKEBY RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53192503327913050405 07 19 68 2302003 137CS=LT(10) K=1.5E00
SHOSHONE NEV KIRKEBY RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53192503327913050631 07 22 68 2902003 137CS=LT(10) K=1.7E00
SHOSHONE NEV KIRKEBY RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53192503327913050672 07 23 68 2902003 137CS=LT(10) K=1.7E00
SHOSHONE NEV KIRKEBY RANCH 131I=LT(10) 137CS=LT(10) 90SR=2	AM 51192503327913052247 08 22 68 2100003 K=1.4E00 89SR=LT(5)
SHOSHONE NEV KIRKEBY RANCH 131I=LT(10) 137CS=LT(10) 90SR=3	PM 51192503327913052605 09 11 68 6990003 K=1.7E00 89SR=LT(5)
SHOSHONE NEV KIRKEBY RANCH 131I=LT(10) 137CS=LT(10) 90SR=6	AM 51192503327913058287 10 29 68 4730003 K=1.2E00 89SR=LT(5)
SHOSHONE NEV KIRKEBY RCH 187W=5.5E02 131I=LT(20) 90SR=6	AM 54192503327913059020 12 09 68 1412003 K=1.6E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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SHOSHONE NEV KIRKEBY RANCH 187W=1.2E03 131I=LT(50) 90SR=4	AM 54192503327913059221 12 10 68 1412003 K=1.5E00 89SR=LT(5)
SHOSHONE NEV KIRKEBY RANCH 187W=8.1E02 131I=LT(50) 90SR=6	AM 54192503327913059424 12 11 68 1412003 K=1.6E00 89SR=LT(5)
SHOSHONE NEV KIRKEBY RCH 187W=4.7E02 131I=LT(20) 90SR=6	AM 54192503327913059758 12 12 68 1412003 K=1.7E00 89SR=LT(5)
SHOSHONE NEV KIRKEBY RANCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54192503327913059774 12 13 68 1412003 137CS=LT(20) K=1.6E00
SHOSHONE NEV HARBECKE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53192503327913050562 07 21 68 1912143 137CS=LT(10) K=1.4E00
SHOSHONE NEV HARBEKE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53192503327913050619 07 22 68 1912143 137CS=LT(10) K=1.1E00
SHOSHONE NEV HARBECKE RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53192503327913050683 07 23 68 1912143 137CS=LT(10) K=1.4E00
SPRINGDALE NEV PEACOCK RANCH 131I=LT(10) 137CS=LT(10) 90SR=2	AM 51196402327913050780 07 24 68 6490174 K=1.4E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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SPRINGDALE NEV PEACOCK RANCH 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51196402327913052184 08 20 68 6490174 K=0.9E00 89SR=LT(5)
SPRINGDALE NEV PEACOCK RANCH 131I=LT(10) 137CS=LT(10) 90SR=2	AM 51196402327913052431 09 10 68 6490174 K=1.4E00 89SR=LT(5)
SPRINGDALE NEV PEACOCK RANCH 131I=LT(10) 137CS=LT(10) 90SR=2	PM 51196402327913052731 09 30 68 6490174 K=1.4E00 89SR=LT(5)
SPRINGDALE NEV PEACOCK RANCH 131I=LT(10) 137CS=LT(10) 90SR=2	PM 51196402327913058328 11 06 68 6490174 K=1.2E00 89SR=LT(5)
URSINE NEV 7L RANCH 131I=LT(20) 137CS=LT(20) 89SR=LT(5) 90SR=3	PM 54216701727913059425 12 11 68 6292010 187W=LT(50) K=1.4E00
URSINE NEV 7L RANCH 187W=LT(50) 131I=LT(20) NO CHEM	AM 54216701727913059760 12 12 68 6292010 137CS=LT(20) K=1.6E00
URSINE NEV HAROLD HAMMOND 131I=LT(20) 137CS=LT(20) 89SR=LT(5) 90SR=2	AM 54216701727913059427 12 11 68 1212072 187W=LT(50) K=1.6E00
WELLS NEV POHLSANDER RANCH 131I=LT(10) 133I=LT(10) NO CHEM	AM 53231600727913050680 07 23 68 1112108 137CS=LT(10) K=1.6E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1968-DEC 1968

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WELLS NEV WILLOW CREEK RANCH
131I=LT(100) 137CS=LT(100)

PM 51231600727913052235 08 20 68 6730121
NO... CHEM

WELLS NEV WILLOW CREEK RANCH
131I=LT(100) 137CS=LT(100)

AM 51231600727913052625 09 16 68 6990121
89SR=LT(5) 90SR=4

WELLS NEV WILLOW CREEK RANCH
131I=LT(10) 137CS=1.0E01
90SR=3

PM 51231600727913058598 11 20 68 1930121
K=1.5E00 89SR=LT(5)

WELLS NEV WILLOW CREEK RANCH
187W=LT(50) 131I=LT(20)
89SR=LT(5) 90SR=6

AM 54231600727913059516 12 10 68 6992121
137CS=LT(20) K=1.3E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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UTAH MILK - JULY 1968-DEC 1968

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ABRAHAM UT BOYD SCHENA 187W=2.2E03 131I=LT(50) 90SR=3	PM 54010602743814059213 12 10 68 6972246 K=1.5E00 89SR=LT(5)
ABRAHAM UT BOYD SCHENA 187W=1.4E03 131I=1.0E02	PM 54010602743814059505 12 11 68 6972246 89SR=LT(5) 90SR=4
ABRAHAM UT BOYD SCHENA 187W=7.9E02 131I=6.0E01 90SR=7	AM 54010602743814059479 12 12 68 6972246 K=1.4E00 89SR=LT(5)
ABRAHAM UT BOYD SCHENA 187W=LT(50) 131I=LT(20) CHEM	PM 54010602743814059801 12 13 68 6972246 K=1.1E00 NO
ABRAHAM UT BOYD SCHENA 187W=LT(50) 131I=LT(20) CHEM	AM 54010602743814059805 12 13 68 6972246 K=1.4E00 NO
ABRAHAM UT RAY HOELZLE 187W=9.0E02 131I=LT(50) 90SR=2	PM 54010602743814059219 12 10 68 1922316 K=1.7E00 89SR=LT(5)
BEAVER UT SMITH & ROBERTS DAIRY 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=4	AM 54021200143812059485 12 10 68 6292111 137CS=LT(20) K=1.5E00
BEAVER UT SMITH & ROBERTS DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	AM 54021200143812059484 12 11 68 6292111 137CS=LT(20) K=1.6E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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BEAVER UT SMITH & ROBERTS DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54021200143812059813 12 12 68 6292111 K=1.4E00 NO
CEDAR CITY UTAH MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) 90SR=3	AM 54031102143812060018 12 13 68 267 K=1.4E00 89SR=LT(5)
CEDAR CITY UTAH MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54031102143812060246 12 14 68 267 K=1.5E00 NO
CEDAR CITY UTAH MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54031102143812060237 12 15 68 267 K=1.5E00 NO
CEDAR CITY UTAH MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54031102143812060241 12 16 68 267 K=1.3E00 NO
CEDAR CITY UTAH MEADOW GOLD DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	54031102143812060957 12 21 68 267 137CS=LT(20) K=1.5E00
DELTA UT HAROLD TAYLOR 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=4	AM 54041402743814059486 12 11 68 1932183 137CS=LT(20) K=1.6E00
DELTA UT HAROLD TAYLOR 187W=LT(50) 131I=LT(20) NO CHEM	AM 54041402743814059502 12 12 68 1932183 137CS=LT(20) K=1.6E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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DELTA UT HAROLD TAYLOR 187W=LT(50) 131I=LT(20) NO CHEM	AM 54041402743814059814 12 13 68 1932183 137CS=LT(20) K=1.3E00
DELTA UT HAROLD TAYLOR 187W=LT(50) 131I=LT(20) CHEM NO	AM 54041402743814059794 12 14 68 1932183 K=1.4E00
DELTA UT JEFFERY DAIRY 187W=2.4E02 131I=LT(20) 90SR=2	AM 54041402743812059217 12 10 68 6972192 K=1.6E00 89SR=LT(5)
DELTA UT JEFFERY DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	PM 54041402743812059494 12 11 68 6972192 137CS=LT(20) K=1.4E00
DELTA UT JEFFERY DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	AM 54041402743812059489 12 12 68 6972192 137CS=LT(20) K=1.5E00
DELTA UT JEFFERY DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	AM 54041402743812059816 12 13 68 6972192 137CS=LT(20) K=1.6E00
DESERET UT ERNEST ANDERSON 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=3	AM 54041702743814059503 12 11 68 1932220 137CS=LT(20) K=1.3E00
DESERET UT ERNEST ANDERSON 187W=LT(50) 131I=LT(20) NO CHEM	AM 54041702743814059482 12 12 68 1932220 137CS=LT(20) K=1.5E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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UTAH MILK - JULY 1968-DEC 1968

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DESERET UT ERNEST ANDERSON

187W=LT(50) 131I=LT(20)
NO CHEMAM 54041702743814059806 12 13 68 1932220
137CS=LT(20) K=1.6E00

EPHRAIM UTAH ARTHUR KING DAIRY

187W=LT(50) 131I=LT(20)
89SR=LT(5) 90SR=LT(2)AM 54056203943812059517 12 12 68 6992031
137CS=LT(20) K=1.6E00

FILLMORE UT SAM WADE

187W=4.6E02 131I=LT(20)
90SR=4PM 54063402743814059491 12 10 68 6992043
K=1.5E00 89SR=LT(5)

FILLMORE UT SAM WADE

187W=LT(50) 131I=LT(20)
NO CHEMPM 54063402743814059803 12 11 68 6992043
137CS=LT(20) K=1.7E00

FILLMORE UT SAM WADE

187W=LT(50) 131I=LT(20)
NO CHEMAM 54063402743814059820 12 12 68 6992043
137CS=LT(20) K=1.5E00

FILLMORE UT SAM WADE

187W=LT(50) 131I=LT(20)
CHEMPM 54063402743814059800 12 13 68 6992043
K=1.2E00 NO

FILLMORE UT SAM WADE

187W=LT(50) 131I=LT(20)
CHEMAM 54063402743814059810 12 14 68 6992043
K=1.5E00 NO

GARRISON UTAH GONDERS RANCH

131I=LT(10) 133I=LT(10)
CHEMAM 53070602743813048921 07 01 68 1910006
137CS=LT(10) NO

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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GARRISON UTAH GONDERS RANCH	AM 53070602743813050564 07 21 68 1912006
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.5E00
NO CHEM	
GARRISON UTAH GONDERS RANCH	AM 53070602743813050627 07 22 68 1912006
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.3E00
NO CHEM	
GARRISON UTAH GONDERS RANCH	AM 53070602743813050686 07 23 68 1912006
131I=LT(10) 133I=LT(10)	137CS=LT(10) K=1.3E00
NO CHEM	
GARRISON UTAH GONDERS RANCH	AM 51070602743813052250 08 22 68 1910006
131I=LT(100) 137CS=LT(100)	89SR=LT(5) 90SR=4
GARRISON UTAH GONDERS RANCH	AM 51070602743813058590 11 21 68 1910006
131I=LT(100) 137CS=LT(100)	89SR=LT(5) 90SR=3
GARRISON UT DAVIES RANCH INC	PM 54070602743913059490 12 10 68 2212271
187W=1.5E03 131I=LT(20)	K=1.1E00 89SR=LT(5)
90SR=4	
GARRISON UTAH DAVIES RANCH INC	PM 54070602743813059769 12 11 68 2212271
187W=4.1E02 131I=LT(20)	137CS=LT(20) NO
CHEM	
GARRISON UTAH DAVIES RANCH INC	PM 54070602743813059903 12 12 68 2212271
187W=LT(50) 131I=LT(20)	K=1.2E00 NO
CHEM	
GARRISON UT WHEELER RANCH	PM 54070602743813059480 12 09 68 6992287
187W=2.7E03 131I=LT(20)	K=1.2E00 89SR=LT(5)
90SR=LT(2)	

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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GARRISON UT WHEELER RCH 187W=2.2E03 131I=LT(50) 90SR=3	AM 54070602743813059212 12 10 68 7392287 K=1.6E00 89SR=LT(5)
GARRISON UT WHEELER RANCH 187W=8.9E02 131I=LT(20) 90SR=2	AM 54070602743813059506 12 11 68 7392287 K=1.3E00 89SR=LT(5)
GARRISON UTAH WHEELER RANCH 187W=3.9E02 131I=LT(20) 90SR=6	AM 54070602743813059768 12 12 68 7392287 K=1.7E00 89SR=LT(5)
GARRISON UTAH WHEELER RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54070602743813059902 12 13 68 7392287 K=1.5E00 NO
GARRISON UTAH WHEELER RANCH 187W=LT(50) 131I=LT(20) CHEM	AM 54070602743813059904 12 14 68 7392287 K=1.8E00 NO
GUNNISON UT KIRBY E PICKETT 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=4	PM 54078703943812059511 12 11 68 5972052 137CS=LT(20) K=1.6E00
GUNNISON UT KIRBY E. PICKETT 187W=LT(50) 131I=LT(20) NO CHEM	AM 54078703943812059496 12 12 68 5972052 137CS=LT(20) K=1.4E00
HINCKLEY UT WALT EKINS 187W=3.7E02 131I=LT(20) 90SR=2	PM 54083502743814059223 12 10 68 1922345 K=1.6E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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HINCKLEY UT WALT EKINS

187W=1.4E02

131I=LT(20)

90SR=4

PM 54083502743814059483 12 11 68 1922345

K=1.7E00

89SR=LT(5)

HINCKLEY UT WALT EKINS

187W=1.4E02

131I=LT(20)

90SR=5

54083502743814059499 12 12 68 1922345

K=1.6E00

89SR=LT(5)

HINCKLEY UT WALT EKINS

187W=LT(50)

131I=LT(20)

CHEM

AM 54083502743814059804 12 13 68 1922345

K=1.4E00

NO

HINCKLEY UT WALT EKINS

187W=LT(50)

131I=LT(20)

NO

CHEM

AM 54083502743814059795 12 14 68 1922345

137CS=2.0E01

K=1.7E00

HOLDEN UT EVAN STEVENS

187W=6.7E02

131I=LT(20)

90SR=5

AM 54085402743814059481 12 10 68 6992085

K=1.6E00

89SR=LT(5)

HOLDEN UT EVAN STEVENS

187W=LT(50)

131I=LT(20)

NO

CHEM

PM 54085402743814059500 12 11 68 6992085

137CS=LT(20)

K=1.5E00

HOLDEN UT EVAN STEVENS

187W=1.4E02

131I=LT(20)

90SR=3

AM 54085402743814059492 12 12 68 6992085

K=1.5E00

89SR=LT(5)

HOLDEN UT EVAN STEVENS

187W=LT(50)

131I=LT(20)

NO

CHEM

AM 54085402743814059819 12 13 68 6992085

137CS=LT(20)

K=1.3E00

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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HOLDEN UT EVAN STEVENS 187W=LT(50) 131I=LT(20) NO CHEM	AM 54085402743814059807 12 14 68 6922085 137CS=LT(20) K=1.6E00
LYNNDYL UT HOWARD NIELSON 187W=1.1E03 131I=LT(50) 90SR=3	AM 54129502743813059222 12 10 68 6972344 K=1.5E00 89SR=LT(5)
LYNNDYL UT HOWARD NIELSON 187W=LT(50) 131I=LT(20) NO CHEM	AM 54129502743813059802 12 12 68 6992344 137CS=LT(20) K=1.8E00
LYNNDYL UT HOWARD NIELSON 187W=LT(50) 131I=LT(20) 90SR=2	AM 54129502743813059812 12 14 68 6972344 K=1.5E00 89SR=LT(5)
MANTI UT LYLE ALDER 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=8	AM 54130503943812059495 12 11 68 6992001 137CS=3.0E01 K=1.7E00
MANTI UT LYLE ALDER 187W=LT(50) 131I=LT(20) NO CHEM	AM 54130503943812059487 12 12 68 6992001 137CS=LT(20) K=1.4E00
MILLS UT CLAYTON WILLIAMS 187W=LT(50) 131I=LT(20) NO CHEM	AM 54133502343813059504 12 10 68 6992068 137CS=LT(20) K=1.0E00
MILLS UT CLAYTON WILLIAMS 187W=2.9E02 131I=LT(20) 90SR=LT(2)	AM 54133502343813059498 12 11 68 6992068 K=1.0E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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MILLS UT CLAYTON WILLIAMS	AM 54133502343813059497	12 12 68	6992068
187W=LT(50) 131I=LT(20)	137CS=LT(20)	K=1.2E00	
NO CHEM			
MINERSVILLE UTAH MINERSVILLE DAIRY	AM 54133600143812059439	12 09 68	266
187W=LT(50) 131I=LT(20)	137CS=LT(20)	K=1.6E00	
NO CHEM			
MINERSVILLE UTAH MINERSVILLE DAIRY	PM 54133600143812060026	12 10 68	266
187W=LT(50) 131I=LT(20)	K=1.4E00	NO	
CHEM			
MINERSVILLE UTAH MINERSVILLE DAIRY	PM 54133600143812060036	12 11 68	266
187W=LT(50) 131I=LT(20)	K=1.5E00	NO	
CHEM			
MINERSVILLE UTAH MINERSVILLE DAIRY	PM 54133600143812060038	12 12 68	266
187W=LT(50) 131I=LT(20)	K=1.3E00	NO	
CHEM			
MINERSVILLE UTAH MINERSVILLE DAIRY	PM 54133600143812060043	12 13 68	266
187W=LT(50) 131I=LT(20)	K=1.3E00	NO	
CHEM			
MINERSVILLE UTAH MINERSVILLE DAIRY	PM 54133600143812059953	12 14 68	266
187W=LT(50) 131I=LT(20)	K=1.7E00	89SR=LT(5)	
90SR=3			
MINERSVILLE UTAH MINERSVILLE DAIRY	PM 54133600143812060177	12 15 68	266
187W=LT(50) 131I=LT(20)	K=1.3E00	NO	
CHEM			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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MT PLEASANT UTAH BROOKLAWN CREAMERY 187W=9.5E02 131I=LT(50) 90SR=5	AM 54135803943812059400 12 10 68 K=1.5E00 89SR=LT(5)	264
MT PLEASANT UTAH BROOKLAWN CREAMERY 187W=LT(50) 131I=LT(20) CHEM	54135803943812059934 12 11 68 K=1.3E00 NO	264
MT PLEASANT UTAH BROOKLAWN CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54135803943812060031 12 12 68 K=1.5E00 NO	264
MT PLEASANT UTAH BROOKLAWN CREAMERY 187W=LT(50) 131I=LT(20) CHEM	54135803943812060029 12 13 68 K=1.4E00 NO	264
MT PLEASANT UTAH BROOKLAWN CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54135803943812060154 12 14 68 K=1.3E00 NO	264
MT PLEASANT UTAH BROOKLAWN CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54135803943812060155 12 15 68 K=1.1E00 NO	264
MT PLEASANT UTAH BROOKLAWN CREAMERY 187W=LT(50) 131I=LT(20) CHEM	AM 54135803943812060179 12 16 68 K=1.3E00 NO	264
NEW CASTLE UTAH NEW CASTLE DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51141802143812050821 07 25 68 K=1.6E00 89SR=LT(5)	001

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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NEW CASTLE UTAH NEW CASTLE DAIRY
131I=LT(10) 137CS=LT(10)
90SR=3

PM 51141802143812052212 08 21 68 1730001
K=1.3E00 89SR=LT(5)

NEW CASTLE UTAH NEW CASTLE DAIRY
131I=LT(10) 137CS=LT(10)
90SR=LT(2)

AM 51141802143812052462 09 09 68 1730001
K=1.3E00 89SR=LT(5)

NEW CASTLE UTAH NEW CASTLE DAIRY
131I=LT(10) 137CS=LT(10)
90SR=2

AM 51141802143812052729 10 01 68 1730001
K=1.4E00 89SR=LT(5)

NEW CASTLE UTAH NEW CASTLE DAIRY
131I=LT(10) 137CS=LT(10)
90SR=LT(2)

PM 51141802143812058388 11 06 68 1730001
K=1.4E00 89SR=LT(5)

OAK CITY UT D J FINLINSON
187W=1.9E03 131I=LT(50)
90SR=3

AM 54150402743813059225 12 10 68 6962175
K=1.5E00 89SR=LT(5)

OAK CITY UT D J FINLINSON
187W=6.5E02 131I=LT(20)
90SR=4

PM 54150402743813059493 12 11 68 6962175
K=1.6E00 89SR=LT(5)

OAK CITY UT D J FINLINSON
187W=4.1E02 131I=LT(20)
90SR=5

AM 54150402743813059501 12 12 68 6962175
K=1.5E00 89SR=LT(5)

OAK CITY UT D J FINLINSON
187W=LT(50) 131I=LT(20)
NO CHEM

AM 54150402743813059815 12 13 68 6962175
137CS=LT(20) K=1.5E00

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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OAK CITY UT D J FINLINSON 187W=LT(50) 131I=LT(20) CHEM	AM 54150402743813059811 12 14 68 6962175 K=1.4E00 NO	
OGDEN UTAH MAPLE LEAF DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54152105743812060064 12 11 68 K=1.6E00 NO	262
OGDEN UTAH MAPLE LEAF DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54152105743812060053 12 12 68 K=1.6E00 NO	262
OGDEN UTAH MAPLE LEAF DAIRY 187W=LT(50) 131I=LT(20) 90SR=4	AM 54152105743812060019 12 13 68 K=1.9E00 89SR=LT(5)	262
OGDEN UTAH MAPLE LEAF DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54152105743812060074 12 13 68 K=1.1E00 NO	262
OGDEN UTAH MAPLE LEAF DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54152105743812060238 12 15 68 K=1.2E00 NO	262
OGDEN UTAH MAPLE LEAF DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54152105743812060240 12 16 68 K=1.0E00 NO	262
REDMOND UT MERRILL HAMPTON 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=2	AM 54181104143813059525 12 11 68 6992019 137CS=LT(20) K=1.5E00	

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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REDMOND UT MERRILL HAMPTON 187W=LT(50) 131I=LT(20) NO CHEM	AM 54181104143813059520 12 12 68 6992019 137CS=LT(20) K=1.7E00
RICHFIELD UTAH IDEAL DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54183004143812060013 12 10 68 265 K=1.7E00 NO
RICHFIELD UTAH IDEAL DAIRY 187W=LT(50) 131I=LT(20) 90SR=5	AM 54183004143812060079 12 13 68 265 K=1.4E00 89SR=LT(5)
RICHFIELD UTAH IDEAL DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54183004143812060371 12 17 68 265 K=1.4E00 NO
RICHFIELD UTAH IDEAL DAIRY 187W=LT(50) 131I=LT(20) NO CHEM	PM 54183004143812060580 12 22 68 265 137CS=LT(20) K=1.5E00
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812050032 07 05 68 6490001 K=1.5E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812050206 07 12 68 6490001 K=1.3E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51190005343812050586 07 19 68 6490001 K=1.4E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 51190005343812050852 07 26 68 6490001 K=1.5E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812050936 08 02 68 6490001 K=1.3E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=4	AM 51190005343812052008 08 09 68 6490001 K=1.6E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812052102 08 16 68 6490001 K=1.3E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812052259 08 23 68 6490001 K=1.5E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812052418 08 30 68 6490001 K=1.2E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=4	AM 51190005343812052417 09 06 68 6490001 K=1.6E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51190005343812052617 09 20 68 6490001 K=1.3E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	PM 51190005343812052683 09 26 68 6490001 K=1.4E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51190005343812052817 10 04 68 6490001 K=1.3E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812052989 10 11 68 6490001 K=1.4E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812052988 10 18 68 6490001 K=1.3E00 89SR=5
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=4	AM 51190005343812058140 10 25 68 6490001 K=1.4E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812058264 11 01 68 6490001 K=1.3E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=2	AM 51190005343812058426 11 08 68 6490001 K=1.4E00 89SR=LT(5)
ST GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812058513 11 15 68 6490001 K=1.3E00 89SR=LT(5)

NOTE—MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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ST. GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51190005343812058622 11 22 68 6490001 K=1.4E00 89SR=LT(5)
ST. GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=8	AM 51190005343812058680 11 29 68 6490001 K=1.4E00 89SR=LT(5)
ST. GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812058916 12 06 68 6490001 K=1.0E00 89SR=LT(5)
ST. GEORGE UTAH BOOTS COX DAIRY 131I=LT(20) 137CS=LT(20) 90SR=2	AM 51190005343812059933 12 13 68 6490001 K=1.6E00 89SR=LT(5)
ST. GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	AM 51190005343812060389 12 20 68 6490001 K=1.5E00 89SR=LT(5)
ST. GEORGE UTAH R COX DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 51190005343812060707 12 27 68 6490001 K=1.5E00 89SR=LT(5)
ST. GEORGE UTAH ST. GEORGE ICE CO 187W=LT(50) 131I=LT(20) NO CHEM	AM 54190005343812059677 12 12 68 268 137CS=LT(20) K=1.5E00
ST. GEORGE UTAH ST. GEORGE ICE CO 187W=LT(50) 131I=LT(20) 90SR=2	AM 54190005343812059932 12 13 68 268 K=1.5E00 89SR=LT(5)

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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SMITHFIELD UTAH CACHE	VALLEY DAIRY	PM 54194300543812059679	12 09 68	261
187W=LT(50)	131I=LT(20)	137CS=LT(20)	K=1.6E00	
NO	CHEM			
SMITHFIELD UTAH CACHE	VALLEY DAIRY	PM 54194300543812059680	12 10 68	261
187W=LT(50)	131I=LT(20)	137CS=LT(20)	K=1.6E00	
NO	CHEM			
SMITHFIELD UTAH CACHE	VALLEY DAIRY	AM 54194300543812060060	12 11 68	261
187W=LT(50)	131I=LT(20)	K=1.1E00	NO	
CHEM				
SMITHFIELD UTAH CACHE	VALLEY DAIRY	PM 54194300543812060076	12 12 68	261
187W=LT(50)	131I=LT(20)	K=1.5E00	NO	
CHEM				
SMITHFIELD UTAH CACHE	VALLEY DAIRY	PM 54194300543812060071	12 13 68	261
187W=LT(50)	131I=LT(20)	K=1.4E00	89SR=LT(5)	
90SR=7				
SMITHFIELD UTAH CACHE	VALLEY DAIRY	AM 54194300543812060112	12 14 68	261
187W=LT(50)	131I=LT(20)	K=1.3E00	NO	
CHEM				
SMITHFIELD UTAH CACHE	VALLEY DAIRY	PM 54194300543812060111	12 15 68	261
187W=LT(50)	131I=LT(20)	K=1.3E00	NO	
CHEM				
SPANISH FORK UTAH TOWN PRIDE DAIRY		AM 54196004943812059401	12 08 68	263
187W=LT(50)	131I=LT(20)	137CS=LT(20)	K=1.6E00	
89SR=LT(5)	90SR=6			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

UTAH MILK - JULY 1968-DEC 1968

COLLECTED

SPANISH FORK UTAH TOWN PRIDE DAIRY 187W=LT(50) 131I=LT(20) 90SR=6	AM 54196004943812059402 12 09 68 137CS=LT(20) 89SR=LT(5)	263
SPANISH FORK UTAH TOWN PRIDE DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54196004943812060059 12 11 68 K=1.3E00 NO	263
SPANISH FORK UTAH TOWN PRIDE DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54196004943812060054 12 12 68 K=1.6E00 NO	263
SPANISH FORK UTAH TOWN PRIDE DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54196004943812060020 12 13 68 K=1.7E00 NO	263
SPANISH FORK UTAH TOWN PRIDE DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54196004943812060337 12 15 68 K=1.3E00 NO	263
SPANISH FORK UTAH TOWN PRIDE DAIRY 187W=LT(50) 131I=LT(20) CHEM	AM 54196004943812060336 12 17 68 K=1.2E00 NO	263
SPRING GLEN UT JOHN J THAYN 187W=LT(50) 131I=LT(20) 90SR=5	AM 54196700743812059799 12 13 68 6989001 K=1.0E00 89SR=LT(5)	
SPRING GLEN UT BLUE HILL DAIRY FARM 187W=LT(50) 131I=LT(20) 90SR=4	PM 54196700743812059796 12 12 68 6992002 K=1.1E00 89SR=LT(5)	

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

WASHINGTON MILK - JULY 1968-DEC 1968

COLLECTED

BELLVUE WASH SAFEWAY MILK DEPT 131I=LT(10) 137CS=1.0E01 90SR=10	AM 56004003346912050984 08 05 68 K=1.4E00 89SR=LT(5)	386
CHEHALIS WASH LEWIS-PACIFIC DAIRY 131I=LT(10) 137CS=3.0E01 90SR=9	AM 56011004146912050974 08 05 68 K=1.3E00 89SR=LT(5)	388
COLLEGE PLACE WASH COLLEGE DAIRY 131I=LT(10) 137CS=LT(10) 90SR=3	AM 56015007146912050972 08 05 68 K=1.6E00 89SR=LT(5)	396
LONGVIEW WASH STANDARD DAIRY 131I=LT(10) 137CS=1.0E01 90SR=11	AM 56035001546912050973 08 06 68 K=1.5E00 89SR=LT(5)	389
MOSES LAKE WASH ARDEN FARMS 131I=LT(10) 137CS=1.0E01 90SR=LT(2)	AM 56040002546912052009 08 07 68 K=1.6E00 89SR=LT(5)	394
OMAK WASH OMAK MEADOW MOOR DAIRY 131I=LT(10) 137CS=LT(10) 90SR=6	AM 56047004746912050986 08 06 68 K=1.4E00 89SR=LT(5)	391
PORT ANGELES WASH ANGELES COOP CRMY 131I=LT(10) 137CS=LT(10) 90SR=5	PM 56054000946912050976 08 06 68 K=1.5E00 89SR=LT(5)	381
SEATTLE WASHINGTON DARIGOLD 131I=LT(10) 137CS=1.0E01 90SR=4	PM 56065003346912050956 08 04 68 K=1.5E00 89SR=LT(5)	384

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
SURVEILLANCE AIR RESULTS ARE PCI/M3,
SOIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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WASHINGTON MILK - JULY 1968-DEC 1968

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SEATTLE WASH FOREMOST DAIRY 131I=LT(10) 137CS=1.0E01 90SR=12	AM 56065003346912050985 08 06 68 K=1.4E00 89SR=LT(5)	385
SPOKANE WASH ARDEN FARMS 131I=LT(10) 137CS=2.0E01 90SR=5	AM 56072006346912050946 08 05 68 K=1.3E00 89SR=5	397
SPOKANE WASH CARNATION CO NO IDAHO 131I=LT(10) 137CS=2.0E01 90SR=8	PM 56072006346912050948 08 05 68 K=1.3E00 89SR=LT(5)	398
SPOKANE WASH CARNATION CO PEND CO 131I=LT(10) 137CS=1.0E01 90SR=3	56072006346912050947 08 05 68 K=1.5E00 89SR=LT(5)	399
SPOKANE WASH DARIGOLD 131I=LT(10) 137CS=LT(10) 90SR=LT(2)	PM 56072006346912050945 08 05 68 K=1.4E00 89SR=LT(5)	400
SPOKANE WASH DARIGOLD STEVENS CO 131I=LT(10) 137CS=1.0E01 90SR=3	PM 56072006346912050957 08 04 68 K=1.3E00 89SR=LT(5)	401
TACOMA WASH FLETT DAIRY 131I=LT(10) 137CS=3.0E01 90SR=7	AM 56075005346912050987 08 07 68 K=1.3E00 89SR=LT(5)	387
TACOMA WASH FLETT DAIRY 131I=LT(10) 137CS=2.0E01 90SR=7	AM 56075005346912052051 08 12 68 K=1.5E00 89SR=LT(5)	387

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
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WASHINGTON MILK - JULY 1968-DEC 1968

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TACOMA WASH FLETT DAIRY	AM 56075005346912052050	08 13 68	387
131I=LT(10) 137CS=2.0E01	K=1.6E00	89SR=LT(5)	
90SR=6			
YAKIMA WASH YAKIMA CITY CREAMERY	PM 56085007746912050975	08 06 68	393
131I=LT(10) 137CS=LT(10)	K=1.5E00	89SR=LT(5)	
90SR=3			

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX

WYOMING MILK - JULY 1968-DEC 1968

COLLECTED

CASPER WYO MEADOW GOLD DAIRIES 187W=LT(50) 131I=LT(20) 90SR=2	PM 54002002549812060006 12 11 68 K=1.6E00 89SR=7	284
CHEYENNE WYO DAIRY GOLD FOODS 187W=LT(50) 131I=LT(20) NO CHEM	PM 54003002149812059441 12 09 68 137CS=LT(20) K=1.6E00	286
CHEYENNE WYO DAIRY GOLD FOODS 187W=LT(50) 131I=LT(20) NO CHEM	PM 54003002149812059682 12 10 68 137CS=LT(20) K=1.6E00	286
CHEYENNE WYO DAIRY GOLD FOODS 187W=LT(50) 131I=LT(20) 90SR=3	PM 54003002149812059941 12 12 68 K=1.5E00 89SR=LT(5)	286
CHEYENNE WYO DAIRY GOLD FOODS 187W=LT(50) 131I=LT(20) CHEM	PM 54003002149812060067 12 13 68 K=1.4E00 NO	286
CHEYENNE WYO DAIRY GOLD FOODS 187W=LT(50) 131I=LT(20) CHEM	PM 54003002149812060166 12 15 68 K=1.3E00 NO	286
CHEYENNE WYO DAIRY GOLD FOODS 187W=LT(50) 131I=LT(20) CHEM	PM 54003002149812060245 12 16 68 K=1.2E00 NO	286
POWELL WYO CREAM OF THE VALLEY DAIRY 187W=LT(50) 131I=LT(20) 90SR=3	PM 54012002949812059931 12 13 68 K=1.7E00 89SR=LT(5)	281

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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WYOMING MILK - JULY 1968-DEC 1968

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POWELL WYO CREAM OF THE VALLEY DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54012002949812059937 K=1.4E00	12 13 68 NO	281
POWELL WYO CREAM OF THE VALLEY DAIRY 187W=LT(50) 131I=LT(20) CHEM	PM 54012002949812059955 K=1.6E00	12 13 68 NO	281
RAWLINS WYO WYOMING DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	AM 54013000749812060035 K=1.6E00	12 09 68 NO	285
RAWLINS WYO WYOMING DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) 90SR=7	PM 54013000749812059949 K=1.6E00	12 10 68 89SR=LT(5)	285
RAWLINS WYO WYOMING DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	AM 54013000749812059936 K=1.4E00	12 13 68 NO	285
RAWLINS WYO WYOMING DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) CHEM	AM 54013000749812060167 K=1.4E00	12 16 68 NO	285
RAWLINS WYO WYOMING DAIRY PRODUCTS 187W=LT(50) 131I=LT(20) NO CHEM	PM 54013000749812060335 137CS=LT(20) K=1.2E00	12 18 68	285
RIVERTON WYO MORNING STAR DAIRY 187W=LT(50) 131I=LT(20) 89SR=LT(5) 90SR=7	AM 54014001349812059379 137CS=LT(20) K=1.5E00	12 09 68	283

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
 LT(X) DENOTES A RESULT LESS THAN X.

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WYOMING MILK - JULY 1968-DEC 1968

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RIVERTON WYO MORNING STAR DAIRY	AM 54014001349812059674 12 10 68	283
187W=LT(50) 131I=LT(20)	137CS=LT(20) K=1.6E00	
NO CHEM		
RIVERTON WYO MORNING STAR DAIRY	AM 54014001349812059957 12 11 68	283
187W=LT(50) 131I=LT(20)	K=1.5E00 NO	
CHEM		
RIVERTON WYO MORNING STAR DAIRY	AM 54014001349812059939 12 12 68	283
187W=LT(50) 131I=LT(20)	K=1.5E00 NO	
CHEM		
RIVERTON WYO MORNING STAR DAIRY	AM 54014001349812060055 12 13 68	283
187W=LT(50) 131I=LT(20)	K=1.6E00 NO	
CHEM		
SHERIDAN WYO JERSEY CREAMERY	PM 54016003349812060048 12 11 68	282
187W=LT(50) 131I=LT(20)	K=1.4E00 NO	
CHEM		
SHERIDAN WYO JERSEY CREAMERY	AM 54016003349812060009 12 12 68	282
187W=LT(50) 131I=LT(20)	K=1.4E00 89SR=LT(5)	
90SR=9		
SHERIDAN WYO JERSEY CREAMERY	AM 54016003349812060077 12 14 68	282
187W=LT(50) 131I=LT(20)	K=1.3E00 NO	
CHEM		

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FEED UNITS ARE PCI/KGM, EXCEPT K=GM/KGM,
 SURVEILLANCE AIR RESULTS ARE PCI/M3,
 SOIL RESULTS ARE PCI/GM,
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