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OFF-SITE SURVEILLANCE ACTIVITIES OF THE
SOUTHWESTERN RADIOLOGICAL HEALTH LABORATORY
from July through December 1967

by the
Southwestern Radiological Health Laboratory
U. S. Department of Health, Education and Welfare
Public Health Service
Environmental Health Service

May 1970

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

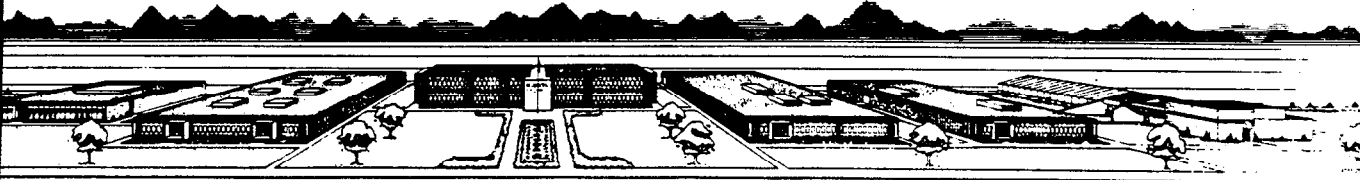


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ABSTRACT

The Southwestern Radiological Health Laboratory of the Public Health Service performed off-site radiological surveillance for twelve announced events and one reactor experiment during the period from July through December 1967. Under a Memorandum of Understanding with the Atomic Energy Commission(AEC), this surveillance was conducted in the public areas surrounding the Nevada Test Site(NTS). Off-site radiological surveillance was provided for Project Gasbuggy, an underground gas stimulation project conducted in New Mexico on December 10, 1967.

During the six-month period, one announced nuclear event, the Door Mist Event, and one experimental plan, EP-III A, of the NRX-A6 reactor test series released radioactivity which was detected off-site.

Analysis of all sampling and surveillance information compiled during the six-month period indicates that the safety criteria established by the Atomic Energy Commission for the off-site population were not exceeded.

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I. INTRODUCTION

During the period July through December 1967, eleven announced underground nuclear tests were conducted by the Atomic Energy Commission(AEC) at the Nevada Test Site(NTS) as a part of Operation Crosstie, and three experimental plans of the NRX-A6 reactor test series were conducted at the Nuclear Rocket Development Station(NRDS). In addition, Project Gasbuggy, the twelfth announced test, an underground gas stimulation project, was conducted in New Mexico. The Public Health Service (PHS) conducted a program of radiological environmental surveillance of the public areas off-site for the AEC Nevada Operations Office (NVOO), under a Memorandum of Understanding between the AEC and the PHS.

The Southwestern Radiological Health Laboratory(SWRHL) conducted this program of radiological monitoring and environmental sampling in the off-site areas surrounding the NTS, NRDS, and the Nellis Air Force Range(NAFR). The overall complex of the NTS and the Nellis Air Force Range includes the NRDS and the Tonopah Test Range(TTR) and for simplicity will be called the test range complex throughout this report. Although routine sampling and monitoring was done within a 300-mile radius of the test range complex, surveillance was extended to provide additional coverage as required. Accordingly, comprehensive surveillance included extensive areas surrounding the Project Gasbuggy site.

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

II. OPERATIONAL PROCEDURES

A. Ground Monitoring

Before each event, mobile monitoring teams are deployed to locations in the off-site area most likely to be affected by a release of radioactive material. If a release occurs, the teams conduct a ground monitoring program directed by two-way radio and telephone communications from the NTS Control Point (CP). Ground monitoring continues until measurements indicate background levels of radioactivity and further monitoring becomes no longer feasible.

During this period, each monitor was equipped with an Eberline E-500B survey meter, a Baird-Atomic NE-148A scintillator, a Victoreen Radector Model II and a Precision Model III standard scintillator. The characteristics of these instruments are listed in Table 1 below.

Table 1. Monitoring equipment.

Instrument	Detector	Range	Number of Scales
Precision III scintillator	1- by 1-inch NaI(Tl) Crystal	0-5 mR/hr	6
Eberline E-500B	Geiger tubes	0-2 R/hr γ 0-200 mR/hr $\beta + \gamma^*$	1 4
Victoreen radector II	Ionization chamber	0.5 mR/hr - 50 R/hr	2 log
Victoreen radector III	Ionization chamber	0.1 mR/hr - 1000 R/hr	3 log
Baird-Atomic NE-148A scintillator	1- by 1-inch NaI(Tl) Crystal	0-3 mR/hr	3 log

*Gamma only used in aerial monitoring, i. e., shield closed on external G.M. tube.

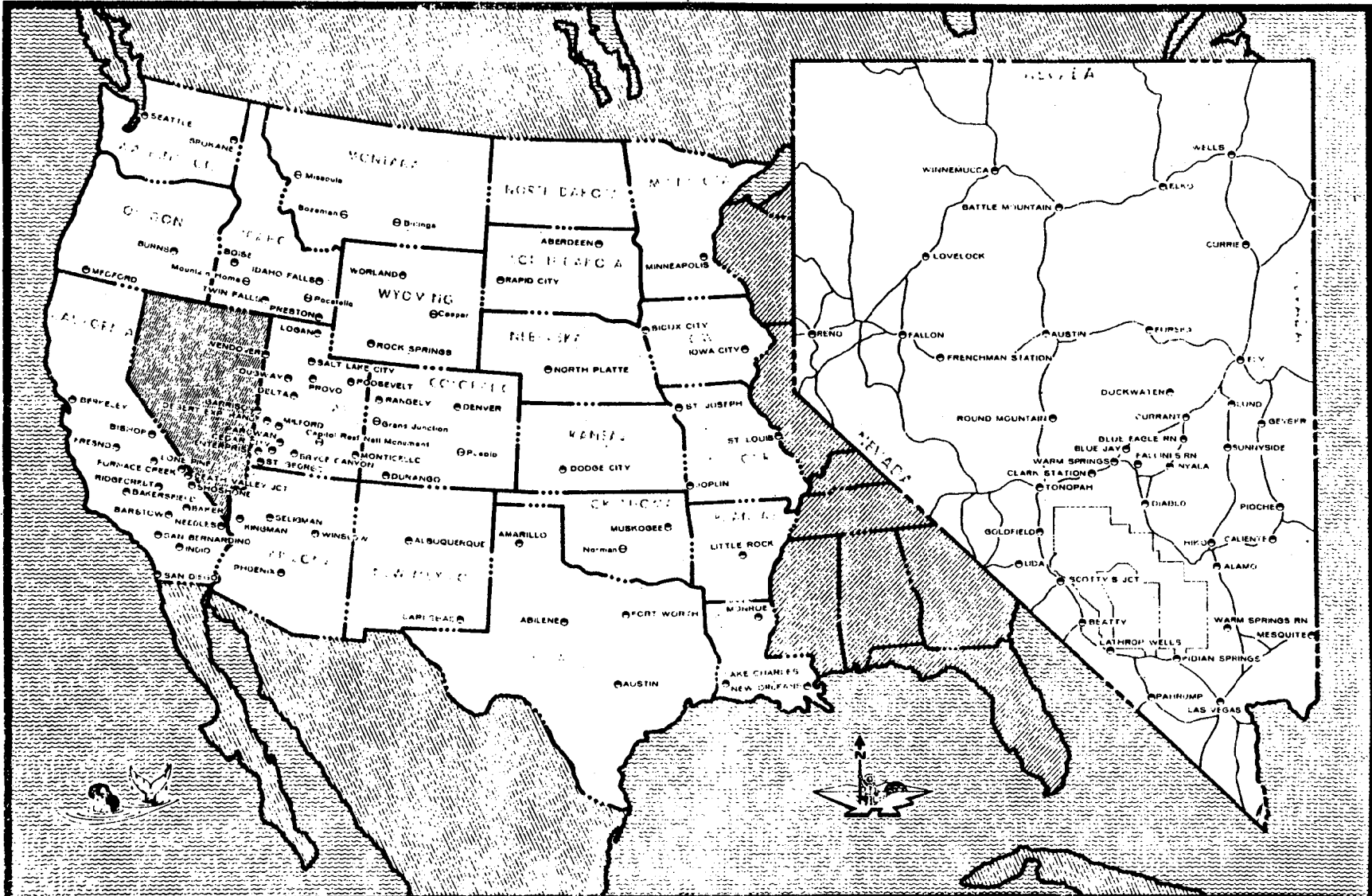
B. Exposure Rate Recorders

To supplement the ground monitoring program, Eberline RM-11 Exposure Rate Recorders were utilized at fixed locations to document cloud passage and thereby enable mobile monitoring teams to continue following the release of radioactivity as it moved through off-site areas. These recorders have a Geiger tube detector and operate on 110V AC. They have a 0.1 to 100 mR/hr range and are accurate to $\pm 20\%$. Gamma exposure rate is recorded on a 30-hour strip chart.

C. Aerial Cloud Tracking and Sampling

A PHS aerial monitoring team was available for each experiment. In the event of a release of radioactivity, this team, equipped with instruments identical to those used by ground monitors, tracked the effluent. Normally an Air Force U3-A aircraft is used in this tracking mission.

Aerial cloud tracking by this team is used primarily to measure relative radiation intensities and to indicate cloud position, speed and direction. This information is utilized to position ground monitors. PHS Turbo-Beech aircraft are specially equipped to perform cloud measurements and collect a variety of samples. The data and samples are used to determine average cloud concentrations and cloud inventories of gross radioactivity and specific radionuclides. Samples are collected for analysis of particulates, reactive gas, inert gas, water, and CO₂. Samples are also collected to determine size-activity relationships of the particulate activity.



AIR SURVEILLANCE NETWORK STATIONS
Environmental Surveillance Program

REGULAR SURVEILLANCE STATIONS STANDBY SURVEILLANCE STATIONS

U. S. DEPARTMENT OF HEALTH EDUCATION AND WELFARE
 PUBLIC HEALTH SERVICE
 SOUTHWESTERN RADIOLOGICAL HEALTH LABORATORY
 National Center for Radiological Health
 LAS VEGAS NEVADA

Figure 1

D. Air Sampling

During this six-month period, the SWRHL Air Surveillance Network (ASN) was comprised of 105 stations operating in every state west of the Mississippi River except Montana and North Dakota. The air sampler used in the ASN was a Gelman "Tempest."

The "Tempest" consists of a Gast Model 1550 vacuum pump driven by a 1/2 horsepower motor. The pump runs at 1440 rpm with an average flow rate of approximately 10 cfm. The sampler uses a 4-inch diameter Whatman 541 filter paper and a Mine Safety Appliance Company type BM 2306 charcoal cartridge. The total volume of air sampled is calculated from the total sampling time and an average of vacuum readings taken at the beginning and the end of the sampling period.

E. Milk and Water Sampling

The previously established milk sampling program from both commercial dairies and private producers continued throughout the six-month period. About 36 sources were routinely sampled during this period, generally on a monthly basis. A total of 202 samples was collected from these locations. In the event of a release of radioactive material, additional samples were collected.

Water samples were collected on a routine basis, unless circumstances dictated special sampling. During this period water samples of both potable and non-potable water supplies were collected from 90 sources.

F. Vegetation Sampling

Normally, vegetation samples were collected only in the event of a release of radioactive material. The analytical results of these samples were used to delineate the fallout pattern.

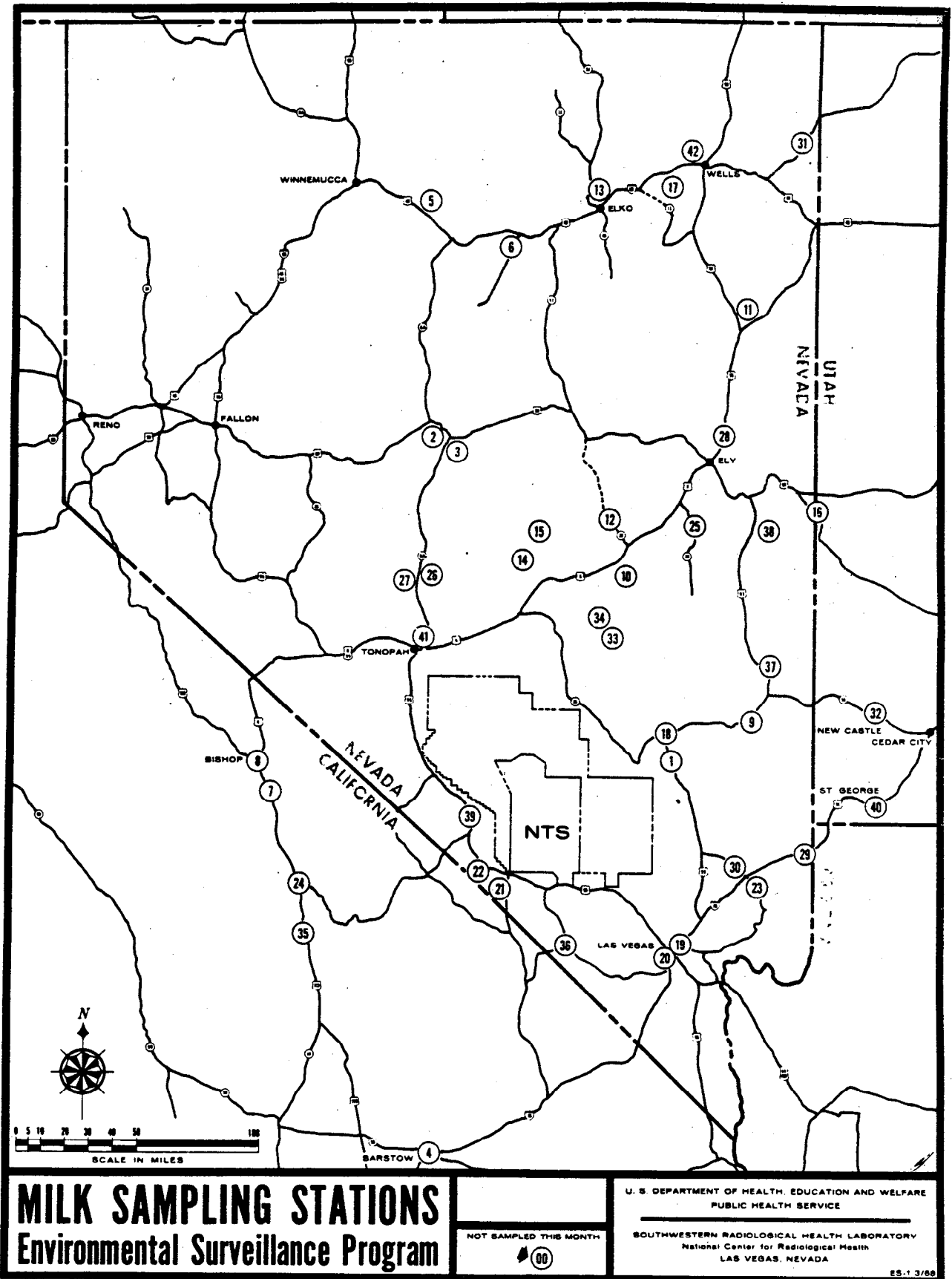


Figure 2

G. Dosimetry

Approximately 153 residents in the off-site area were issued film badges throughout this period. These film badges were changed each month and were processed by the Radiological Sciences Department, Reynolds Electrical and Engineering Company, Inc. Approximately 95 film badge stations, each with five badges, were located around the test range complex to provide more complete coverage. In addition, 86 stations were each equipped with three EG&G Model TL-12 thermoluminescent dosimeters (TLD's).

The film badge used is made of Du Pont type 545 film. 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. The TLD's have a low energy response cutoff at 50 keV and are not energy-dependent in the range from 50 keV to several MeV. According to past TLD data, a reading of 10 mR above the previous month's background constitutes a detectable exposure.

H. Community Relations

Frequent contacts with the off-site population, schools and civic groups provided the opportunity to explain the role of the PHS with respect to the programs of the AEC. As a result of favorable community relations, a number of off-site residents took part in the environmental sampling program; all routine air sampling stations except Las Vegas were operated by local citizens, and many persons volunteered to wear film badges.

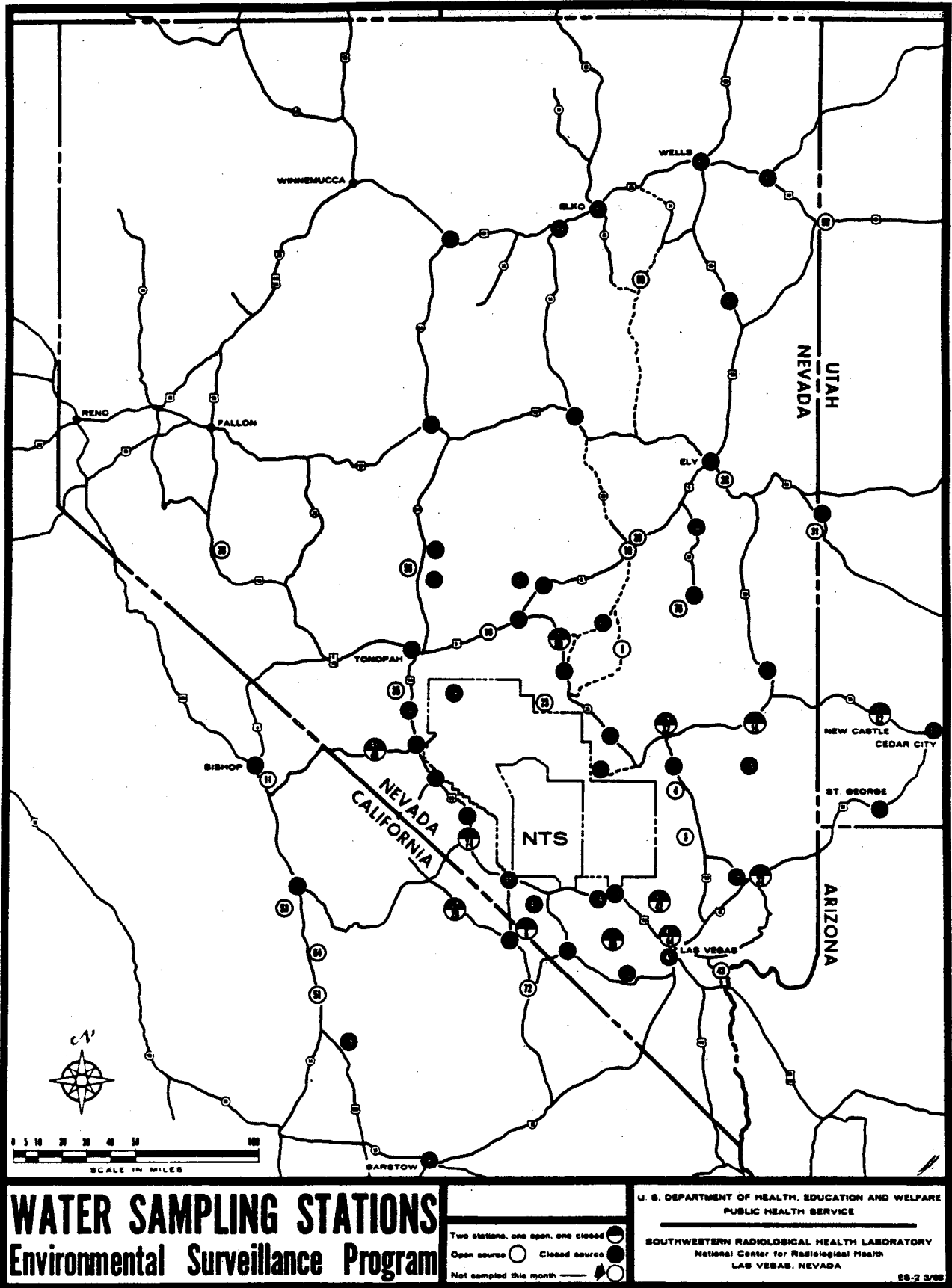


Figure 3

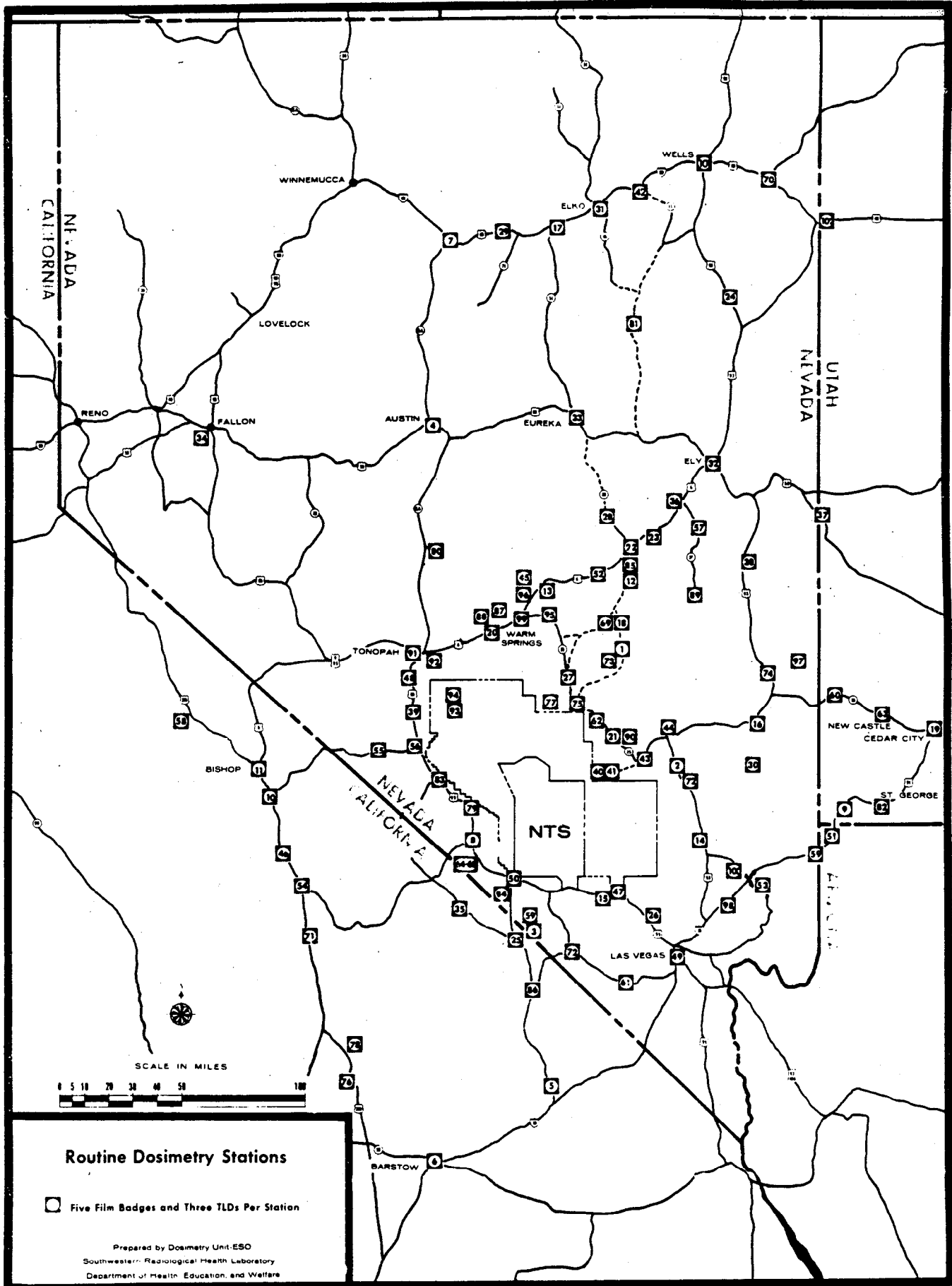


Figure 4

I. Medical and Veterinarian Services

A PHS medical officer was available in the event any cases of a medical nature arose as a result of the test series. No such cases were reported. Veterinarian services were provided through PHS veterinarians who maintained liaison with livestock producers in the area. The program of wildlife and cattle investigation was continued. Semiannual slaughter of cattle from the NTS herd and the Knoll Creek and Delamar Valley herds was accomplished in cooperation with the University of Nevada. Specimens from these animals were analyzed for radionuclide content.

III. ANALYTICAL PROCEDURES

All environmental samples collected by the PHS were returned to the SWRHL in Las Vegas for radiological analyses. The methods used in analyzing these samples are briefly described below.

Air sampler prefilters were counted for gross beta activity in a Beckman "Wide Beta" low background (6 ± 1 cpm beta) proportional system which has an efficiency of approximately 45% for 0.54 MeV betas. After an initial count, if no significant activity was detected, the prefilters were counted at 5 and 12 days after collection. In all other cases, prefilters were recounted a minimum of three times in the first 48 hours following collection. The computational procedure employed depends upon the assumption that a decay constant can be determined for each individual sample and that this constant can then be used to extrapolate the activity to the end of the collection period.

Selected prefilters and all charcoal cartridges were analyzed for gamma-emitting nuclides by placing them directly on a 4- by 4-inch NaI(Tl) crystal coupled to a Technical Measurements Corporation (TMC) Model 404C gamma pulse height analyzer viewing energies from 0 to 2 MeV.

Detection capability of the system as shown in Table 2 is an empirical estimate obtained from previous data collected under the following conditions:

- a. Count time in days after fissioning as indicated by footnotes.

- b. Prefilters collect unfractionated fission products resulting in a complex spectrum.
- c. Mine Safety Appliances Company (MSA) charcoal collects gaseous fission products only (primarily iodines).
- d. Analysis is performed using an eight-nuclide matrix. If other nuclides are present in the sample, their relative proportion is small compared to those eight.
- e. Natural activity on air samples is approximately five times system background.

Table 2. Threshold detectability at time of count of several radionuclides in various samples (95% confidence level).

Sample type	pCi					Length of count	Notes
	¹³¹ I	¹³² Te-I	¹³³ I	¹³⁵ I	¹⁴⁰ Ba-La		
Whatman	500	1000	500	1000	500	10 min.	1
No. 541	200	---	200	---	200	10 min.	2
MSA	200	400	200	400	200	10 min.	1
charcoal	100	---	100	---	100	10 min.	2

1 - counted at less than 3 days after formation.
 2 - counted at 3 days or more after formation.

Although the minimum detectable levels for water samples involve the limitations listed in (d) above, the situation is usually simplified by having no background other than that of the system. For a sample containing all of the isotopes of iodine, the error term on threshold values at the 95% confidence level is approximately equal to $\pm 50\%$.

Biological discrimination will limit the number of nuclides present in a milk sample to relatively few. Under normal sampling procedures, short physical half-lives will also tend to eliminate ¹³²I and ¹³⁵I from the sample by the time it is counted. At the 95% confidence

level reported values for milk are ± 10 pCi/l or 10% at the time of count whichever is greater for a 40-minute count.

After any release of activity from the NTS, milk samples are collected from dairies (processing plants), producing dairy farms, and farms producing milk for their own consumption. Each sample is counted for 40 minutes. No attempt is made to recount samples having low positive values. The lower limit of detection for gamma emitters in milk samples is 20 picocuries per liter (pCi/l) at the time of count, and all results below that value are reported as < 20 pCi/l.

All liquid samples are counted in 3.5-liter inverted well aluminum beakers which are placed on top of a 4- by 4-inch NaI(Tl) crystal coupled to a 400-channel gamma pulse height analyzer. Overall detection efficiency for the 0.364 MeV photopeak of ^{131}I is 6.4%. A matrix technique is employed to compute the interference due to the presence of other nuclides. The input to this matrix is variable, allowing for the simultaneous determination of any eight nuclides for which detection efficiencies and interference factors have been obtained. Actual computation is performed by an IBM 1620 computer.

After gamma analysis of milk samples was completed, certain samples were analyzed for strontium-89 and -90. After addition of strontium carrier, milk proteins are removed by ion exchange. Following several purification steps, the purified strontium is stored for at least one week to allow for ingrowth of yttrium-90. Strontium and yttrium are separated by nitric acid precipitation and both fractions are counted in a low-background beta counter.

The strontium-89 activity is the calculated difference between the total strontium activity and the strontium-90 (as yttrium-90 activity).

Water samples are analyzed for gross beta activity by slowly evaporating an aliquot to dryness in a two-inch diameter stainless steel planchet and counting the beta activity in a low-background counter.

IV. RESULTS

A. Underground Tests

Of the underground nuclear tests at the NTS during this period, only one resulted in a release of radioactive effluent which was detected in off-site populated areas. This was the Door Mist Event. Environmental surveillance data for Project Gasbuggy, a plowshare experiment conducted in New Mexico, are reported separately. (1, 2)

1. Door Mist

The Door Mist Event was conducted at the NTS on August 31, 1967, at 0930 hours PDT. An effluent release occurred shortly after detonation and some seepage continued for several hours.

Radioactive debris drifted in a north-northwesterly direction from the NTS. Aerial surveillance tracked the effluent as far as the north end of Long Valley, 190 miles at 14° from ground zero, at 1240 hours on September 1 (H+27 hours). The only nuclide collected on D+1 was ^{135}Xe . Analyses of the samples collected on the five monitoring flights indicated that the radioactivity was released as a gas. The only particulate activity collected was ^{88}Rb , the daughter product of ^{88}Kr .

Ground monitoring readings at Clark Station, Nevada, showed a slight rise in background, and at Diablo, Nevada, a gamma exposure rate recorder measured about 0.01 mR/hr

above background and the air sampler filter showed small amounts of iodine-133 and iodine-135.

Due to the low exposure rates observed in the off-site area after the Door Mist Event, not any of the 678 film badges or the 258 TLD's was collected immediately after the experiment. Film badges and TLD's collected since the test date have shown no exposures that could be attributed to the Door Mist Event.

None of the five milk samples or the 43 vegetation samples collected from off-site locations and analyzed following this event showed the presence of fresh fission products. No special water samples were collected.

Table 3. Vegetation sampling locations - Door Mist Event

Nevada	Date Collected
Highway 6, Tonopah to Warm Springs Every 5 miles	9/1/67
Highway 25, Warm Springs to Coyote Summit Every 5 miles	9/1/67
Highway 25 and 93, Coyote Summit to Alamo Every 10 miles	9/1/67
Clark Station(Stickler Ranch)	9/1/67
Goldfield, Lida Junction, and Beatty	9/1/67
Scotty's Junction, Tonopah, and Springdale	9/1/67
Lund	9/2/67

Table 4. Air sampling results - Door Mist Event.

Location	Sampling Period	Gross Beta Activity Prefilter at end of Collection (pCi/m ³)	Collector*	Isotopic Results
				Activity (pCi/m ³) at end of collection
Beatty, Nevada	8/30 - 1943	.03	pf & cc	ND**
	8/31 - 1838			
	8/31 - 1839	.03	pf & cc	ND
	9/01 - 1911			
Clark Station, Nevada	8/31 - 1345	.04	pf & cc	ND
	9/01 - 0915			
Diablo, Nevada	8/31 - 0630	.08	pf	ND
	9/01 - 0645			
	8/31 - 0630		cc	2.0 for ¹³³ I and ¹³⁵ I
	9/01 - 0645			
Goldfield, Nevada	8/31 - 0800	.03	pf & cc	ND
	9/01 - 0800			
Lathrop Wells, Nevada	8/31 - 0630	.04	pf & cc	ND
	9/01 - 1655			
Nyala, Nevada	8/31 - 0700	.05	pf & cc	ND
	9/01 - 0700			
Scotty's Junction, Nevada	8/31 - 1730	.01	pf & cc	ND
	9/01 - 1215			
Tonopah, Nevada	8/31 - 1330	.03	pf & cc	ND
	9/01 - 0950			

**ND - not detected

*pf - prefilter

cc - charcoal cartridge

Table 4. Air sampling results - Door Mist Event. (continued)

Location	Sampling Period	Gross Beta Activity Prefilter at end of Collection (pCi/m ³)	Collector*	Isotopic Results
				Activity (pCi/m ³) at end of collection
Fallini's Ranch -	8/31 - 1700	.03	pf	ND
Warm Springs, Nevada	9/01 - 1030			
"	8/31 - 0900		cc	ND
"	8/31 - 1700		cc	ND
"	9/01 - 1030			
Warm Springs, Nevada	8/31 - 1000	.02	pf & cc	ND
	9/01 - 1000			

*pf - prefilter

cc - charcoal cartridge

ND - not detected

2. Project Gasbuggy

Project Gasbuggy, conducted in Rio Arriba County, New Mexico, December 10, 1967, at 1230 MST, was a gas-stimulation experiment.

- Off-site radiological safety operations for the project were initiated in June 1967, including a three-month census of all people and milk cows within 100 miles of the detonation site and the charting of all mining and tunneling operations within 50 miles. Printed information, explaining the nature of the experiment, was distributed simultaneously, and other public informational services were provided.

The collection of environmental samples to establish background levels of radioactivity began in early August with the collection of water samples. Vegetation samples for background information were collected in early December. A 35-station air surveillance network began operating on November 21 through December 13; twelve stations operated through the drill-back period. Milk and water samples were collected following the shot and the drill-back period. A network of TLD's was established within an approximate eight-mile radius.

The period of major monitoring activity began in early December and lasted until mid-January 1968. Approximately thirty people from the SWRHL and the health departments of New Mexico and Colorado were assigned to the project.

No release of radioactivity was detected by off-site monitoring or in the analysis of samples collected following detonation and prior to commencement of the re-entry program.

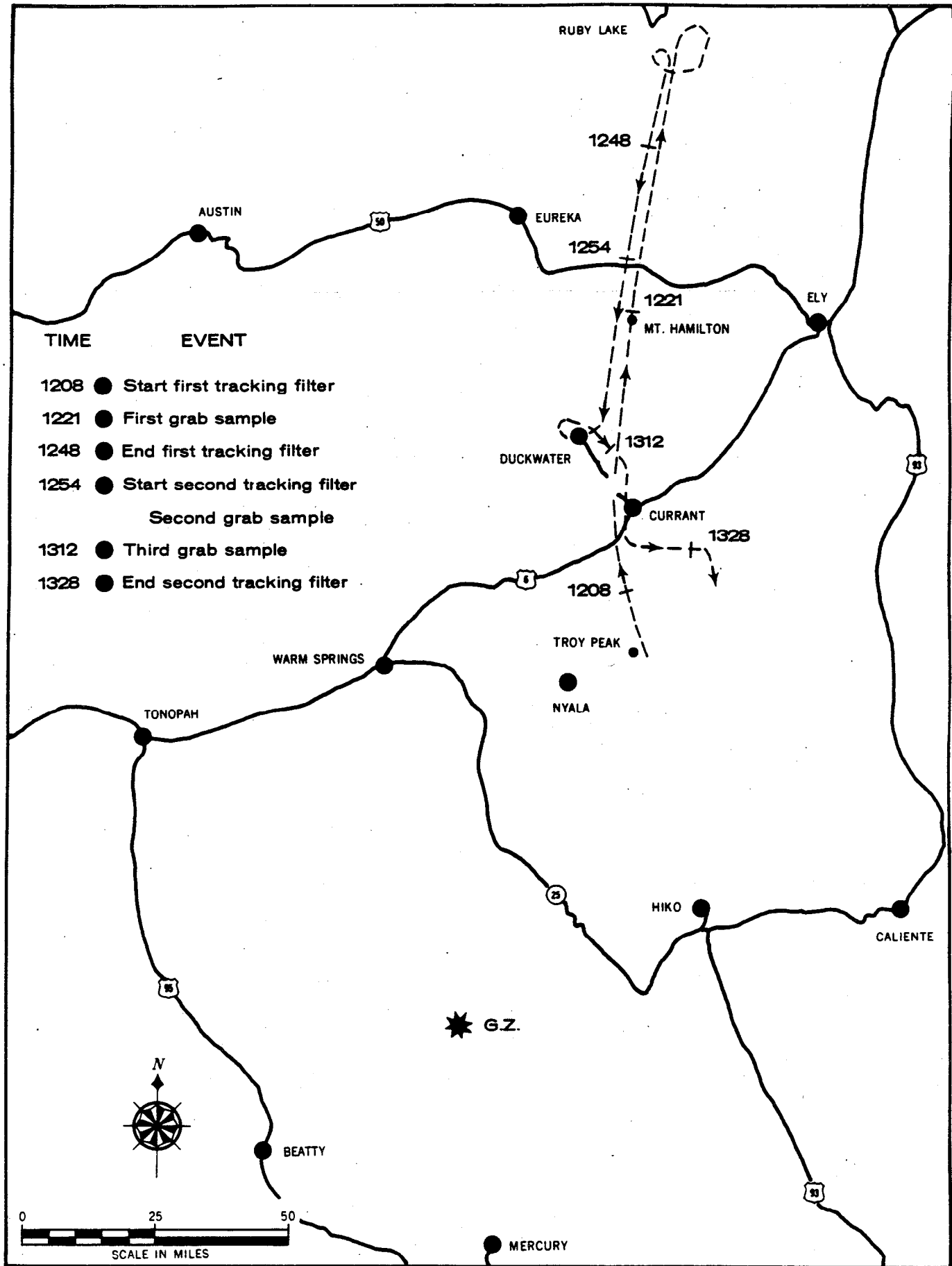


Figure 5. Door Mist cloud tracking.

B. Reactor Experiments

During this period the NRX-A6 reactor test series, consisting of two calibration operations and a full power run, were conducted at Test Cell C, NRDS. When EP-III was cancelled after repeated postponements due to incompatible weather conditions, the full power run was designated EP-III A and, as shown in Table 5, the test resulted in a release of effluent to the off-site area.

Table 5: NRX-A6 test series schedule.

Experiment	Date - 1967	Approximate Power Integral Mw-sec	Radiation Detectable Off-Site
EP-I	Nov 21	less than 7	No
EP-II	Dec 6	21	No
EP-III A	Dec 15(1100-12 PST)	4.4×10^6	Yes

1. Experimental Plan-III A, December 15, 1967

Radioactive material released by EP-III A was transported by prevailing winds an approximate 200 miles along an azimuth of 235° southwest of Test Cell C. Residents within 25 miles of the test site and between azimuths of 210° and 250° remained undercover, as advised, until one hour after the test.

Radiation survey instrument readings from the U3-A aircraft and cloud measurements obtained by a PHS Turbo-Beech aircraft tracked the cloud from Test Cell C as far as Death Valley, an approximate forty miles, as shown in Figure 7. A sampling pattern was established at 10,000 feet mean sea

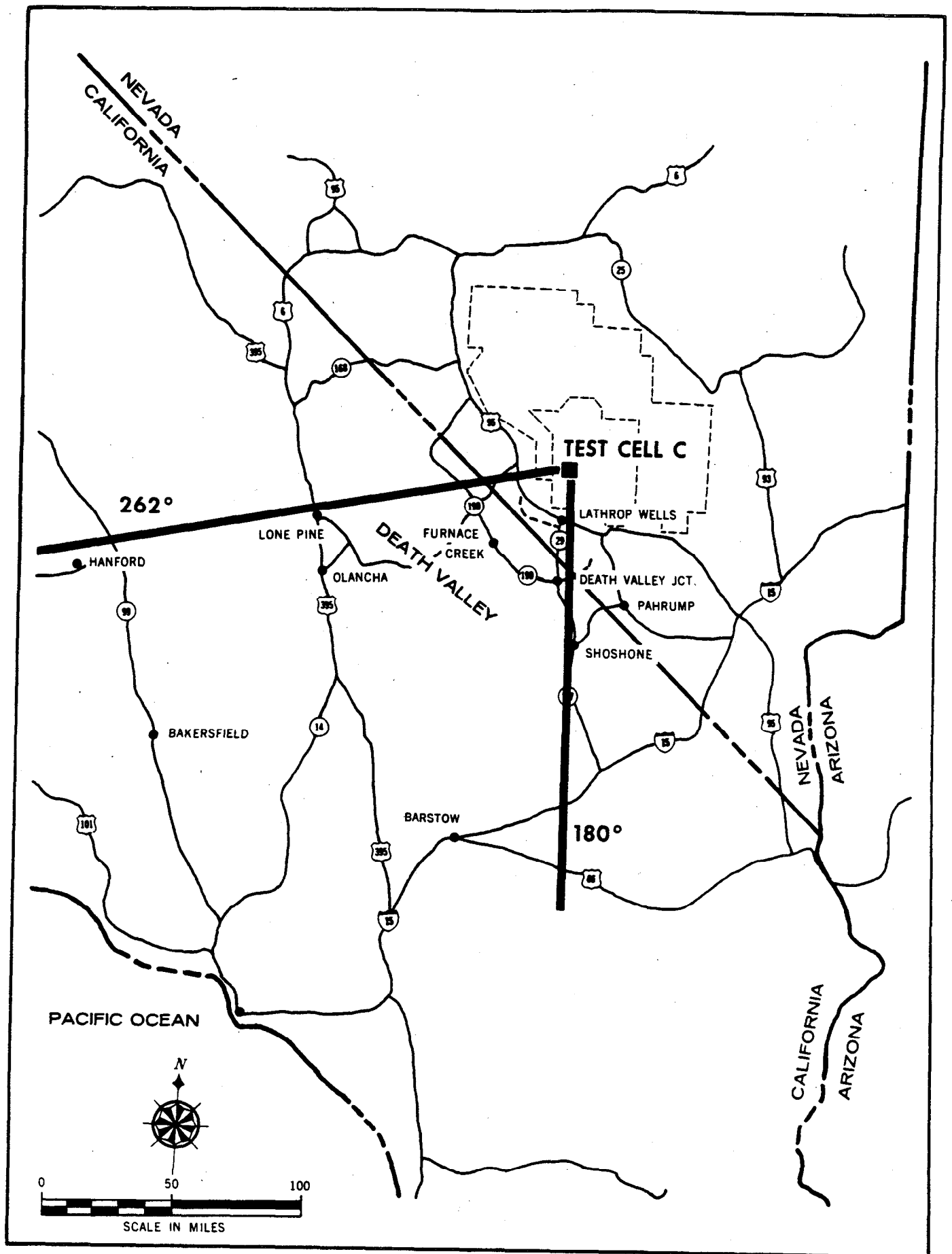


Figure 6. Area affected by EP-III effluent.

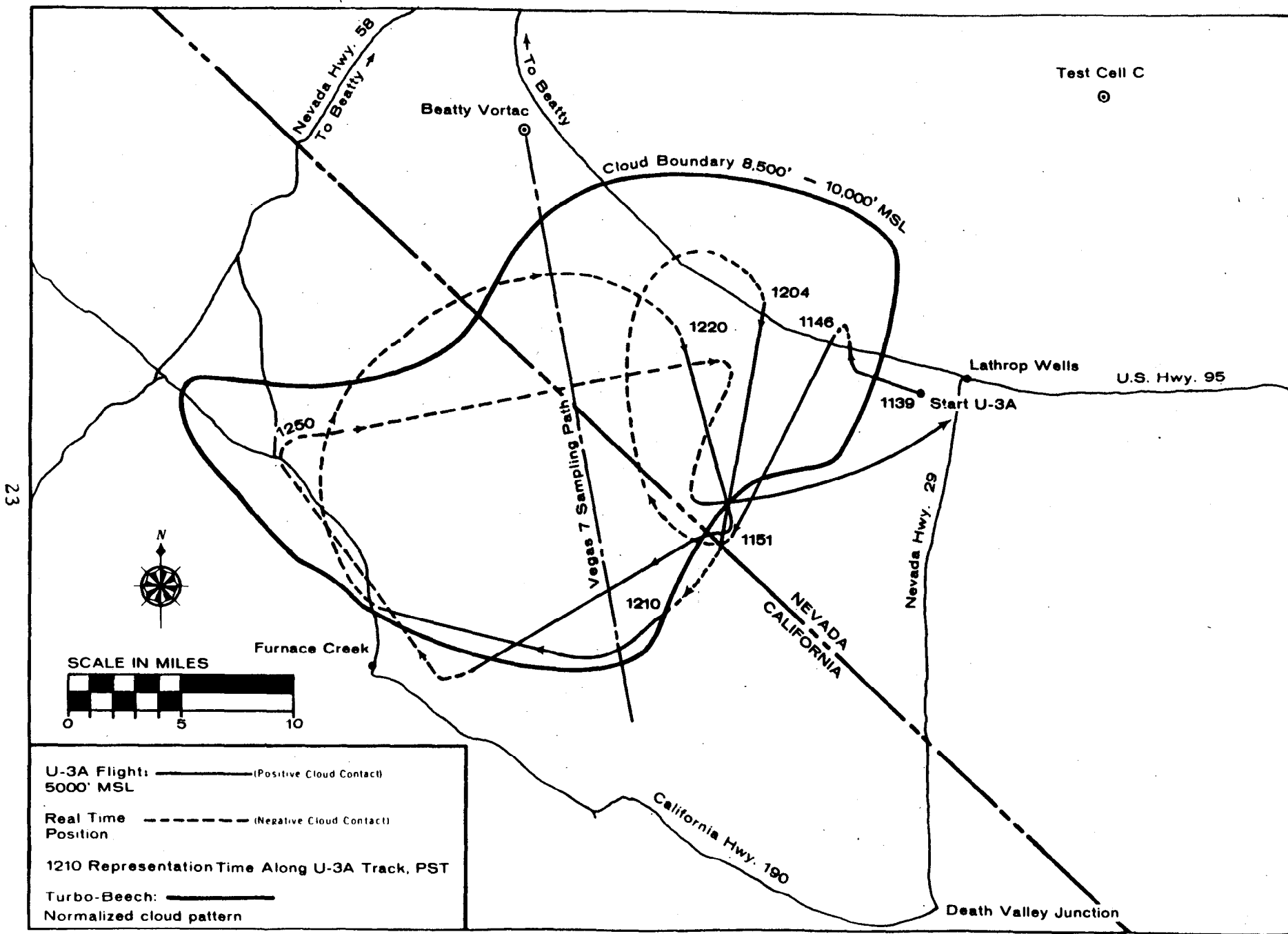


Figure 7. Cloud tracking and sampling, NRX-A6 EP-III A.

level (MSL) along an azimuth of 170° from Beatty VOR (very high frequency omni-directional range). A peak off-site reading of 18 mR/hr was obtained at 8500 feet about 28 miles from the test site. (Table 6). The gross beta analysis of the filter from the mass air sampler, as listed in Table 7, showed an average gross beta particulate concentration of 2.4×10^5 pCi/m³ at 1230 hours and a particulate inventory of 5×10^5 Ci. This gross beta activity decayed at a rate of $T^{-1.3}$. Grab samples of air collected on several passes showed no radionuclides of inert gases and analysis for tritium and carbon-14 showed only background levels.

Particles reading greater than 200 mR/hr beta-gamma on portable GM survey instruments were found in a maximum deposition density of 0.2 particles/m² by ground monitors between azimuths 204° and 231° true to just beyond Highway 190; none were found along the highway west and northwest of Shoshone. All levels of external radiation and of radioactivity measured in environmental samples collected downwind from Test Cell C were relatively low, the highest being 0.3, 0.8 and 1.5 mR/hr above background recorded respectively at Lathrop Wells, at points along Highway 95, and at residences in the Amargosa Valley. Of the 79 water samples, none taken from water used for human consumption showed detectable amounts of fresh fission products. (See Table 8). Thermoluminescent dosimeters indicated that aircraft personnel received maximum exposures of 4.6 mR due to gamma radiation; however, no TLD or film badge worn by ground personnel or distributed along the routine dosimetry network indicated exposures above background.

Table 6. Peak readings observed aboard Vegas 7 NRX-A6 EP-III A

Time	Location		Altitude (Ft MSL)	Exposure Rate (mR/hr)
	Azimuth	Distance (mi.)		
1123	230°	6.9	6,000	20
1132	230°	9.0	7,000	10
1153	254°	25.8	10,000	0.8
1201	244°	26.9	10,000	3.0
1207	250°	26.1	10,000	3.5
1218	244°	26.0	10,000	8.5
1230	242°	27.1	8,500	18
1242	242°	27.1	8,500	10
1253	238°	27.7	8,500	4
1302	232°	28.9	8,500	0.5

Table 7. Mass Air Sampler summary of radionuclide inventory
December 15, 1967 NRX-A6 EP-III A.

Nuclide	Concentration (pCi/m ³)*		% Release**	Total Ci*	Total Ci***
	Filter	Charcoal		H + 1 Hr.	H + 12 Hrs.
⁹¹ Sr	2,800		0.13	5,800	2,600
⁹² Sr	7,000		0.1	15,000	800
¹⁰³ Ru	10		0.16	20	20
¹³² Te	1,800		0.89	3,800	3,400
^{133m} Te	170,000		1.7	360,000	40
¹³¹ I	350	40	0.61	820	790
¹³³ I	5,200	630	0.49	12,000	8,300
¹³⁴ I	71,000	6,900	0.51	160,000	30
¹³⁵ I	2,700	1,700	0.13	9,200	3,000
¹³⁹ Ba	13,000		0.1	27,000	120
¹⁴⁰ Ba	40		0.05	80	80
¹⁴¹ Ce	30		0.1	60	60
¹⁴⁷ Nd	30		0.02	60	60
Gross β	240,000			500,000	22,000

*H + 1 Hour (1230 Hours) Midtime of sampling.

**Percent of isotope formed which was in the cloud at H + 1 Hour.

***H + 12 Hours (2330 Hours) Extrapolated from H + 1 Hour.

Table 8. Water samples with fresh fission products, NRX-A6, EP-III A.
(Units pCi/l)

Location	Date	Source	Gross Beta	Radionuclide concentration				
				¹³¹ I	¹³² Te	¹³¹ I	⁸⁹ Sr	⁹⁰ Sr
Lathrop Wells, Nevada Nickell Ranch	12/16	Stock tank	100	ND	ND	200	< 5	< 2
Lathrop Wells, Nevada Rooker Ranch	12/16	Stock tank	28	ND	ND	210	< 5	< 2
Barstow, California	12/16	Rain pool	200	880	180	2500	no chemistry	

ND - not detected

The highest concentration of iodine-131 in air was 0.4 pCi sec/m³ integrated exposure, which is the combined value of iodine-131 from both the charcoal cartridge and the particulate filter measured at Death Valley Junction. (See Table 9.)

Of the 106 milk samples collected from 21 separate locations, 21 contained radioactivity. Maximum concentrations were 90 pCi/l of iodine-131 and 390 pCi/l of iodine-133 found in samples taken near Lathrop Wells. The highest concentration of iodine-131 in milk collected in California was 20 pCi/l collected near Olancho. (See Table 10.)

Three of the seven portable stations of the Data Acquisition and Telemetry System developed by the SWRHL were used

Table 9. Air Results (Units $\frac{\text{pCi}/\text{m}^3}{\mu\text{Ci-sec}/\text{m}^3}$) NRX-A6 EP-III A

Location	Date Time On	Date Time Off	Run Time Hrs.(1)	Col- lector	Gross Beta Conc.	Radio- nuclide Conc. ¹³¹ I
Death Valley Jct., California 191° 38 miles	0630 12/15	0730 12/16	25	PF	$\frac{8.3}{0.75}$	$\frac{1.9}{0.17}$
				CC		$\frac{2.2}{0.20}$
Furnace Creek, California 233° 38 miles	1430 12/15	1230 12/16	22	PF	$\frac{1.8}{0.14}$	$\frac{0.7}{0.055}$
				CC		$\frac{1.5}{0.12}$
Hords Ranch, Amargosa Farm Area, Lathrop Wells, Nev. 222° 23 miles	1115 12/15	1610 12/15	4.9	PF	$\frac{460}{8.1}$	$\frac{9.0}{0.16}$
				CC		$\frac{\text{ND}}{\text{ND}}$
Jct. Hwys 395 & 14 near Inyokern, Cal. 229° 120 miles	1615 12/15	1435 12/16	22.3	PF	$\frac{2.6}{0.21}$	$\frac{0.8}{0.064}$
				CC		$\frac{1.3}{0.10}$
Nickell Ranch, Amargosa Farm Area, Lathrop Wells, Nevada 222° 23 miles	1115 12/15	1600 12/15	4.8	PF	$\frac{300}{5.2}$	$\frac{7.2}{0.12}$
				CC		$\frac{\text{ND}}{\text{ND}}$
7.5 miles W Lathrop Wells, Nevada Highway 95 233° 17 miles	1155 12/15	1620 12/15	4.5	PF	$\frac{57}{0.92}$	$\frac{4.2}{0.068}$
				CC		$\frac{\text{ND}}{\text{ND}}$

(1) - Running time is taken from a running time meter and may vary slightly from time difference between recorded on and off times.

PF - Particulate Filter
 CC - Charcoal Cartridge
 ND - Not detected

for the NRX-A6 test series. Trailer-housed electronic telemetry equipment, an air sampling loop, two ionization chambers, and sensors detected and transmitted early data on movement of radioactive effluent and on meteorological conditions.

C. Six-Month Summary

The source of all radioactivity measured off-site during this period was predominantly the NRX-A6, EP-III A.

Results of off-site surveillance activities, including listings of the highest concentrations of gross beta radioactivity and iodine-131 are summarized in the following tables. Though gross beta activity in the air has little value in determining radiation exposures to persons, indications of airborne radioactivity present in a specific area aid in determining the areas where milk, water, and vegetation samples should be collected. As shown, gross beta results on air filters collected following weapons tests during this period did not exceed 1 pCi/m^3 .

Complete milk results for this six-month period are listed in the Appendix.

Table 10. The six highest concentrations of ^{131}I in milk, NRX-A6, EP-III A.
(Units pCi/l)

Location	Date milked	Peak radionuclide concentration			
		^{131}I	^{133}I	^{89}Sr	^{90}Sr
Lathrop Wells, Nevada Dansby's Ranch	12/16	90	400	< 5	2
Lathrop Wells, Nevada Rooker Ranch	12/18	90	70	< 5	3
Lathrop Wells, Nevada Hords Ranch	12/18	80	50	< 5	0
Lathrop Wells, Nevada Dansby's Ranch	12/18	70	30	6	< 1
Lathrop Wells, Nevada Rooker Ranch	12/19	70	20	< 5	3
Lathrop Wells, Nevada Rooker Ranch	12/21	70	ND	< 5	2

Table 11. Highest twelve readings of radiation survey instruments - NRX-A6, EP-III A.

Location	Azimuth & Distance from Test Cell C		Time period monitored hours	Cloud arrival time	GM survey meter readings: Max. Net gamma		Gamma exposure (mR)
	Degree	Miles			(mR/hr)	(Time)	
8.1 mi W Lathrop Wells, Highway 95	235	18.0	1200-1555	1210	0.8	1234	2.0
16.5 mi W Lathrop Wells, Hwy 95 to Lathrop Wells	---	----	1150-1252	----	0.8 ^I	1234	---
Dansby Ranch Lathrop Wells, Nev.	221	23.5	1110-1510	1240	1.1	1253	0.71
Selbach/Strickland Ranch, Lathrop Wells, Nevada	222	24.0	1055-1240	1240	1.0	1257	1.3
Hord Ranch, Lathrop Wells, Nevada	223	23.5	1125-1600	1240	0.9	1252	0.82
Rich(Davis) Ranch Lathrop Wells, Nev.	214	23.5	1135-1350	1200	0.9	1255	0.32
Nickell Ranch Lathrop Wells, Nev.	222	23.5	1100-1545	1230	1.0	1251	0.59
Corder Ranch Lathrop Wells, Nev.	223	23.5	1115-1420	1240	1.5	1251	1.1
Oswald Ranch Lathrop Wells, Nev.	223	24.0	1130-1510	1235	1.0	1252	0.95
Allison Ranch Lathrop Wells, Nev.	222	24.0	1130-1515	1230	1.0	1252	0.64
Nicholl residence Lathrop Wells, Nev.	220	23.0	1000-1500	1240	0.8	1251	0.76
Schultz Farm Lathrop Wells, Nev.	227	23.5	1115-1500	1230	0.8	1254-1258	1.1

I-reading at 3.9 mi W Lathrop Wells.

V. CONCLUSIONS

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 or NRDS operations, which exceeded the radiological safety criteria established by the AEC.

VI. REFERENCES

1. Report of Off-Site Surveillance for Project Gasbuggy, March 1967 to June 1968, SWRHL-99r.
2. Environmental Surveillance for Project Gasbuggy, Production Test Phase, SWRHL-100r.

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 . These nuclides are listed only when they are present in detectable quantities. 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, even if they are not detectable. If ^{89}Sr is not detectable, it is listed as "B," which signifies < 5 pCi/l. If ^{90}Sr is not detectable, it is listed as "D," which signifies < 0.1 pCi/l.

Some of the values are listed in exponential form:

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

APPENDIX

CALIFORNIA MILK - JULY 1967-DEC 1967

COLLECTED

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 56024002904912025384 07 01 67 0002341
 131I=ND 137CS=ND K=1.56E00 NO
 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 56024002904912025381 07 02 67 0002341
 131I=ND 137CS=8.0E00 K=1.51E00 NO
 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 56024002904912025376 07 03 67 0002341
 131I=ND 137CS=ND K=1.54E00 NO
 CHEM

BAKERSFIELD CALIF CHALLENGE CREAMERY PM 56024002904912025402 07 04 67 0002341
 131I=ND 137CS=1.2E01 K=1.48E00 NO
 CHEM

BAKERSFIELD CALIF CHALLENGE CREAMERY PM 56024002904912025400 07 05 67 0002341
 131I=ND 137CS=ND K=1.47E00 NO
 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE C+B AM 53024002904912039675 12 18 67 341
 131I=ND 133I=ND 137CS=ND K=1.57E00
 89SR=0 90SR=1.1

BAKERSFIELD CALIFORNIA CHALLENGE C+B AM 53024002904912039634 12 19 67 341
 131I=ND 133I=ND 137CS=ND K=1.41E00
 89SR=0 90SR=1.7

BAKERSFIELD CALIFORNIA CHALLENGE C+B AM 53024002904912039630 12 20 67 341
 131I=ND 133I=ND 137CS=ND K=1.31E00
 89SR=0 90SR=4.5

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 1967-DEC 1967		COLLECTED	
BAKERSFIELD CALIFORNIA CHALLENGE C+B 131I=ND NO	133I=ND CHEM	PM 53024002904912039673 137CS=ND	12 21 67 K=1.55E00 341
BAKERSFIELD CALIFORNIA CHALLENGE C+B 131I=ND NO	133I=ND CHEM	AM 53024002904912039669 137CS=ND	12 22 67 K=1.25E00 341
BAKERSFIELD CALIFORNIA CHALLENGE C+B 131I=ND NO	133I=ND CHEM	PM 53024002904912039670 137CS=ND	12 23 67 K=1.46E00 341
BAKERSFIELD CALIFORNIA CHALLENGE C+B 131I=ND NO	133I=ND CHEM	PM 53024002904912039725 137CS=ND	12 25 67 K=1.44E00 341
HINKLEY CALIFORNIA BILL NELSON DAIRY 131I=ND 89SR=0	133I=8.4E01 90SR=0.5	PM 53027002904912039164 137CS=ND	12 16 67 6992004 K=1.36E00
HINKLEY CALIFORNIA BILL NELSON DAIRY 131I=2.1E01 89SR=0	133I=4.6E01 90SR=2.1	AM 53027002904912039217 137CS=ND	12 17 67 6992004 K=1.35E00
HINKLEY CALIFORNIA BILL NELSON DAIRY 131I=ND 89SR=7	133I=ND 90SR=0.0	PM 53027002904912039323 137CS=ND	12 18 67 6992004 K=1.53E00
HINKLEY CALIFORNIA BILL NELSON DAIRY 131I=ND 89SR=0	133I=ND 90SR=1.3	AM 53027002904912039369 137CS=ND	12 19 67 6992004 K=1.33E00

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 1967-DEC 1967

COLLECTED

BARSTOW CALIFORNIA HILLS DAIRY 131I=ND CHEM	137CS=ND	AM 56027002904912025366 07 01 67 0002006 K=1.49E00 NO
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND CHEM	137CS=ND	PM 56027002904912025373 07 02 67 0002006 K=1.56E00 NO
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND CHEM	137CS=ND	56027002904912025383 07 03 67 0002006 K=1.44E00 NO
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND CHEM	137CS=ND	56027002904912025387 07 05 67 0002006 K=1.51E00 NO
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND CHEM	137CS=ND	56027002904912025443 07 06 67 0002006 K=1.59E00 NO
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND CHEM	137CS=ND	56027002904912025447 07 07 67 0002006 K=1.52E00 NO
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 90SR=0.0	137CS=ND	AM 51027002904912025468 07 10 67 8390006 K=1.44E00 89SR=3
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 90SR=1.8	137CS=ND	AM 51027002904912025538 08 01 67 8390006 K=1.35E00 89SR=0

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 1967-DEC 1967

COLLECTED

BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 90SR=0.8	137CS=ND	AM 51027002904912025880 09 11 67 8390006 K=1.40E00 89SR=0
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 90SR=0.0	137CS=ND	AM 51027002904912034386 10 02 67 8390006 K=1.40E00 89SR=2
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 90SR=0.5	137CS=ND	AM 51027007104913037378 11 01 67 8390006 K=1.53E00 89SR=1
BARSTOW CALIFORNIA HILLS DAIRY 133I=ND 89SR=0	131I=ND 90SR=2.1	AM 53027002904911039165 12 16 67 8392006 137CS=ND K=1.27E00
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 89SR=1	133I=ND 90SR=0.5	AM 53027002904911039214 12 17 67 8392006 137CS=ND K=1.21E00
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 89SR=0	133I=ND 90SR=4.3	PM 53027002904911039322 12 18 67 8392006 137CS=ND K=1.31E00
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 89SR=0	133I=ND 90SR=0.5	AM 53027002904911039368 12 19 67 8392006 137CS=ND K=1.45E00
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND NO	133I=ND CHEM	AM 53027002904912039559 12 19 67 344 137CS=ND K=1.67E00

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 1967-DEC 1967

COLLECTED

BARSTOW CALIFORNIA HILLS DAIRY 131I=ND 89SR=0	133I=ND 90SR=0.7	AM 53027002904912039662 12 20 67 137CS=ND	K=1.23E00	344
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND NO	133I=ND CHEM	AM 53027002904912039661 12 22 67 137CS=ND	K=1.41E00	344
BARSTOW CALIFORNIA HILLS DAIRY 131I=ND NO	133I=ND CHEM	AM 53027002904912039657 12 23 67 137CS=ND	K=1.54E00	344
BIG PINE CALIFORNIA DUNAGAN RANCH 131I=ND 90SR=3.0	137CS=ND	AM 51036502704913025471 07 12 67 K=1.60E00	89SR=5	8390009
BIG PINE CALIFORNIA DUNAGAN RANCH 131I=ND 90SR=4.3	137CS=1.1E01	AM 51036502704913025530 08 02 67 K=2.08E00	89SR=0	8390009
BIG PINE CALIFORNIA DUNAGAN RANCH 131I=ND CHEM	137CS=ND	PM 51036502704913025888 09 12 67 K=0.88E00	NO	8390009
BIG PINE CALIFORNIA DUNAGAN RANCH 131I=ND 90SR=1.8	137CS=ND	AM 51036502704913034384 10 04 67 K=1.76E00	89SR=3	8390009
BISHOP CALIFORNIA SIERRA FARMS 131I=ND 90SR=5.3	137CS=1.7E01	AM 51037002704912025465 07 11 67 K=1.46E00	89SR=3	8290021

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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CALIFORNIA MILK - JULY 1967-DEC 1967

COLLECTED

BISHOP CALIFORNIA SIERRA FARMS 131I=ND 90SR=4.0	137CS=1.5E01	AM 51037002704913025531 08 02 67 8290021 K=1.69E00 89SR=0
BISHOP CALIFORNIA SIERRA FARMS 131I=ND 90SR=5.5	137CS=1.6E01	AM 51037002704912025891 09 12 67 8290021 K=1.43E00 89SR=1
BISHOP CALIFORNIA SIERRA FARMS 131I=ND 90SR=6.4	137CS=10E00	AM 51037002704912034395 10 03 67 8290021 K=1.36E00 89SR=0
BISHOP CALIFORNIA SIERRA FARMS 131I=ND 90SR=5.9	137CS=ND	PM 51037002704912037379 11 01 67 8290021 K=1.44E0 89SR=2
BRAWLEY CALIFORNIA DATELAND DAIRY 131I=ND CHEM	137CS=ND	PM 56040007504912025372 07 02 67 0002347 K=1.37E00 NO
BRAWLEY CALIFORNIA DATELAND DAIRY 131I=ND CHEM	137CS=ND	PM 56040007504912025405 07 04 67 0002347 K=1.50E00 NO
BRAWLEY CALIFORNIA DATELAND DAIRY 131I=ND CHEM	137CS=ND	PM 56040007504912025444 07 06 67 0002347 K=1.39E00 NO
BRAWLEY CALIFORNIA DATELAND DAIRIES 131I=ND NO	133I=ND CHEM	PM 53040007504912039674 12 18 67 347 137CS=ND K=1.38E00

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 1967-DEC 1967

COLLECTED

BRAWLEY CALIFORNIA DATELAND DAIRIES 131I=ND 89SR=0	133I=ND 90SR=3.2	AM 53040007504912039637 137CS=ND	12 19 67 K=1.67E00	347
BRAWLEY CALIFORNIA DATELAND DAIRIES 131I=ND NO	133I=ND CHEM	PM 53040007504912039659 137CS=ND	12 20 67 K=1.56E00	347
BRAWLEY CALIFORNIA DATELAND DAIRIES 131I=ND 89SR=0	133I=ND 90SR=2.5	AM 53040007504912039666 137CS=ND	12 21 67 K=1.56E00	347
CHINO CALIFORNIA INST. FOR MEN 131I=ND 89SR=0	133I=ND 90SR=2.3	PM 53060007104912039629 137CS=ND	12 19 67 K=1.49E00	349
CHINO CALIFORNIA INST. FOR MEN 131I=ND NO	133I=ND CHEM	PM 53060007104912039632 137CS=ND	12 20 67 K=1.32E00	349
CHINO CALIFORNIA INST. FOR MEN 131I=ND 89SR=0	133I=ND 90SR=2.9	PM 53060007104912039631 137CS=ND	12 21 67 K=1.35E00	349
CHINO CALIFORNIA INST. FOR MEN 131I=ND NO	133I=ND CHEM	AM 53060007104912039665 137CS=ND	12 21 67 K=1.61E00	349
CHINO CALIFORNIA INST. FOR MEN 131I=ND NO	133I=ND CHEM	AM 53060007104912039660 137CS=ND	12 22 67 K=1.45E00	349

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 1967-DEC 1967		COLLECTED		
CHINO CALIFORNIA INST. FOR MEN 131I=ND NO	133I=ND CHEM	AM 53060007104912039671 137CS=ND	12 23 67 K=1.36E00	349
CHINO CALIFORNIA INST. FOR MEN 131I=ND NO	133I=ND CHEM	PM 53060007104912039723 137CS=ND	12 24 67 K=1.37E00	349
ESCONDIDO CALIFORNIA BERNARD DAIRY 131I=ND 90SR=2.5	137CS=ND	AM 56113007304912025441 K=1.43E00	07 07 67 89SR=1	0002346
ESCONDIDO CALIFORNIA BERNARD DAIRY 131I=ND 89SR=0	133I=ND 90SR=1.6	AM 53113007304912039468 137CS=ND	12 18 67 K=1.39E00	346
ESCONDIDO CALIFORNIA BERNARD DAIRY 131I=ND NO	133I=ND CHEM	PM 53113007304912039557 137CS=ND	12 18 67 K=1.36E00	346
ESCONDIDO CALIFORNIA BERNARD DAIRY 131I=ND 89SR=0	133I=ND 90SR=2.3	AM 53113007304912039555 137CS=ND	12 19 67 K=1.46E00	346
FRESNO CALIFORNIA STATE COLLEGE CRMRY 131I=ND CHEM	137CS=1.3E01	AM 56130001904912025361 K=1.60E00	07 01 67 NO	0002339
FRESNO CALIFORNIA STATE COLLEGE CRMRY 131I=ND CHEM	137CS=1.3E01	AM 56130001904912025382 K=1.54E00	07 02 67 NO	0002339

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 1967-DEC 1967

COLLECTED

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM	56130001904912025385	07 03 67	0002339
131I=ND	137CS=ND	K=1.21E00	NO
CHEM			
FRESNO CALIFORNIA STATE COLLEGE CRMRY AM	56130001904912025379	07 04 67	0002339
131I=ND	137CS=8.0E00	K=1.39E00	NO
CHEM			
FRESNO CALIFORNIA STATE COLLEGE CRMRY AM	56130001904912025398	07 05 67	0002339
131I=ND	137CS=ND	K=1.49E00	NO
CHEM			
FRESNO CALIFORNIA STATE COLLEGE CRMRY AM	53130001904912039781	12 23 67	339
131I=ND	133I=ND	137CS=ND	K=1.35E00
NO	CHEM		
FRESNO CALIFORNIA STATE COLLEGE CRMRY AM	53130001904912039780	12 24 67	339
131I=ND	133I=ND	137CS=ND	K=1.27E00
NO	CHEM		
HANFORD CALIFORNIA SUPERIOR DAIRY	AM 53143003104912039747	12 23 67	340
131I=ND	133I=ND	137CS=ND	K=1.40E00
NO	CHEM		
HANFORD CALIFORNIA SUPERIOR DAIRY	AM 53143003104912039748	12 24 67	340
131I=ND	133I=ND	137CS=ND	K=1.30E00
NO	CHEM		
INDEPENDENCE CALIFORNIA J K + T SMITH AM	53156502704913039163	12 16 67	2212014
131I=ND	133I=ND	137CS=ND	K=1.67E00
89SR=0	90SR=4.8		

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 1967-DEC 1967

COLLECTED

INDEPENDENCE CALIFORNIA J K + T SMITH AM	53156502704913039211	12 17 67	2212014
131I=ND	133I=ND	137CS=ND	K=1.68E00
89SR=4	90SR=2.8		
INDEPENDENCE CALIFORNIA J K + T SMITH AM	53156502704913039354	12 18 67	2212014
131I=ND	133I=ND	137CS=ND	K=1.73E00
89SR=0	90SR=9.0		
INDEPENDENCE CALIFORNIA C PICARD RANCHAM	53156502704913039167	12 16 67	6992188
133I=ND	131I=ND	137CS=ND	K=1.58E00
89SR=0	90SR=3.2		
INDEPENDENCE CALIFORNIA C PICARD RANCHPM	53156502704913039355	12 17 67	6992188
131I=ND	133I=ND	137CS=ND	K=1.64E00
89SR=0	90SR=2.4		
INDEPENDENCE CALIFORNIA C PICARD RANCHAM	53156502704913039356	12 18 67	6992188
131I=ND	133I=ND	137CS=ND	K=1.56E00
89SR=1	90SR=2.7		
LONE PINE CALIFORNIA LONE PINE DAIRY AM	51185502704912025470	07 11 67	8390023
131I=ND	137CS=2.5E01	K=1.36E00	89SR=5
90SR=0.9			
LONE PINE CALIFORNIA LONE PINE DAIRY AM	51185502704912025532	08 02 67	8390023
131I=ND	137CS=2.6E01	K=1.41E00	89SR=0
90SR=3.3			
LONE PINE CALIFORNIA LONE PINE DAIRY AM	51185502704912025883	09 13 67	8390023
131I=ND	137CS=ND	K=1.66E00	89SR=0
90SR=1.9			

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 1967-DEC 1967

COLLECTED

LONE PINE CALIFORNIA 131I=ND 90SR=1.8	LONE PINE DAIRY 137CS=ND	AM 51185502704912034389 10 04 67 8390023 K=1.44E00	89SR=0
LONE PINE CALIFORNIA 131I=ND 90SR=2.2	LONE PINE DAIRY 137CS=ND	PM 51185502704912037398 11 01 67 8390023 K=1.48E00	89SR=0
LONE PINE CALIFORNIA 131I=ND 89SR=0	LONE PINE DAIRY 133I=ND 90SR=2.8	AM 53185502704912039219 12 17 67 8392023 137CS=ND	K=1.55E00
LONE PINE CALIFORNIA 131I=ND 89SR=3	LONE PINE DAIRY 133I=ND 90SR=1.6	AM 53185502704912039358 12 18 67 8392023 137CS=ND	K=1.54E00
MERCED CALIFORNIA 131I=ND CHEM	SUNSHINE DAIRY 137CS=1.0E01	AM 56205004704912025393 07 02 67 0002336 K=1.45E00	NO
MERCED CALIFORNIA 131I=ND CHEM	SUNSHINE DAIRY 137CS=ND	AM 56205004704912025392 07 03 67 0002336 K=1.49E00	NO
MERCED CALIFORNIA 131I=ND CHEM	SUNSHINE DAIRY 137CS=ND	PM 56205004704912025394 07 04 67 0002336 K=1.41E00	NO
MERCED CALIFORNIA 131I=ND CHEM	SUNSHINE DAIRY 137CS=6.0E00	AM 56205004704912025388 07 05 67 0002336 K=1.48E00	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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CALIFORNIA MILK - JULY 1967-DEC 1967

COLLECTED

MERCED CALIFORNIA SUNSHINE DAIRY 131I=ND CHEM	137CS=ND	AM 56205004704912025440 07 06 67 0002336 K=1.41E00 NO
MERCED CALIFORNIA SUNSHINE DAIRY 131I=ND CHEM	137CS=1.5E01	AM 56205004704912025445 07 07 67 0002336 K=1.66E00 NO
MERCED CALIFORNIA SUNSHINE DAIRY 131I=ND CHEM	137CS=ND	AM 56205004704912025452 07 08 67 0002336 K=1.35E00 NO
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND CHEM	137CS=8.0E00	PM 56226003704912025375 07 01 67 0002342 K=1.43E00 NO
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND CHEM	137CS=ND	AM 56226003704912025386 07 02 67 0002342 K=1.56E00 NO
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND CHEM	137CS=ND	AM 56226003704912025378 07 03 67 0002342 K=1.54E00 NO
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND CHEM	137CS=ND	AM 56226003704912025389 07 04 67 0002342 K=1.37E00 NO
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND CHEM	137CS=9.0E00	AM 56226003704912025395 07 05 67 0002342 K=1.29E00 NO

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
 FOOD AND FBED 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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CALIFORNIA MILK - JULY 1967-DEC 1967

COLLECTED

NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND CHEM	137CS=ND	AM 56226003704912025396 07 06 67 0002342 K=1.61E00	NO
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND 89SR=0	133I=ND 90SR=1.6	AM 53226003704912039469 12 18 67 137CS=ND	342 K=1.42E00
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND 89SR=0	133I=ND 90SR=2.1	AM 53226003704912039470 12 19 67 137CS=ND	342 K=1.42E00
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND NO	133I=ND CHEM	AM 53226003704912039590 12 20 67 137CS=ND	342 K=1.51E00
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND NO	133I=ND CHEM	AM 53226003704912039635 12 21 67 137CS=ND	342 K=1.54E00
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND NO	133I=ND CHEM	AM 53226003704912039663 12 22 67 137CS=ND	342 K=1.58E00
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND NO	133I=ND CHEM	AM 53226003704912039664 12 23 67 137CS=ND	342 K=1.28E00
NEWHALL CALIFORNIA BURBANK CREAMERY 131I=ND NO	133I=ND CHEM	AM 53226003704912039722 12 24 67 137CS=ND	342 K=1.41E00

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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CALIFORNIA MILK - JULY 1967-DEC 1967

COLLECTED

OLANCHA CALIFORNIA ROY HUNTER RANCH 133I=ND 89SR=3	131I=ND 90SR=0.5	PM 53237502704913039170 12 16 67 0002018 137CS=ND K=1.78E00
OLANCHA CALIFORNIA ROY HUNTER RANCH 131I=ND 89SR=1	133I=ND 90SR=1.8	AM 53237502704913039215 12 17 67 1912018 137CS=ND K=1.58E00
OLANCHA CALIFORNIA ROY HUNTER RANCH 131I=ND 89SR=0	133I=ND 90SR=2.9	53237502704913039360 12 18 67 1912018 137CS=ND K=ND
OLANCHA CALIFORNIA HAYHURST RANCH 131I=ND 90SR=2.1	137CS=ND	AM 51237502704913025473 07 11 67 6370020 K=1.62E00 89SR=0
OLANCHA CALIFORNIA HAYHURST RANCH 131I=ND 90SR=1.6	137CS=ND	PM 51237502704913025539 08 01 67 6370020 K=1.70E00 89SR=0
OLANCHA CALIFORNIA HAYHURST RANCH 131I=ND 90SR=2.8	137CS=ND	PM 51237502704913025879 09 11 67 6370020 K=1.35E00 89SR=0
OLANCHA CALIFORNIA HAYHURST RANCH 131I=ND 90SR=2.2	137CS=ND	AM 51237502704913034391 10 03 67 6370020 K=1.48E00 89SR=0
OLANCHA CALIFORNIA HAYHURST RANCH 131I=ND 90SR=1.3	137CS=ND	PM 51237502704913037399 11 01 67 6370020 K=1.40E0 89SR=1

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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CALIFORNIA MILK - JULY 1967-DEC 1967

COLLECTED

OLANCHA CALIFORNIA HAYHURST RANCH 131I=ND 89SR=1	133I=ND 90SR=2.3	AM 53237502704913039162 12 16 67 0002020 137CS=ND	K=1.15E00
OLANCHA CALIFORNIA HAYHURST RANCH 131I=ND 89SR=2	133I=ND 90SR=1.6	AM 53237502704913039208 12 17 67 6372020 137CS=ND	K=1.09E00
OLANCHA CALIFORNIA HAYHURST RANCH 131I=2.0E01 89SR=1	133I=ND 90SR=2.5	AM 53237502704913039362 12 18 67 6372020 137CS=ND	K=1.20E00
RIVERSIDE CALIFORNIA ORANGE CREST DRY 131I=ND CHEM	137CS=ND	PM 56287006504912025363 07 01 67 0002345 K=1.65E00	NO
RIVERSIDE CALIFORNIA ORANGE CREST DRY 131I=ND 90SR=2.3	137CS=ND	AM 56287006504912025374 07 02 67 0002345 K=1.55E00	89SR=0
RIVERSIDE CALIFORNIA ORANGE CREST DRY 131I=ND CHEM	137CS=ND	AM 56287006504912025370 07 03 67 0002345 K=1.69E00	NO
RIVERSIDE CALIFORNIA ORANGE CREST DRY 131I=ND CHEM	137CS=8.0E00	AM 56287006504912025390 07 05 67 0002345 K=1.72E00	NO
RIVERSIDE CALIFORNIA ORANGE CREST DRY 131I=ND CHEM	137CS=ND	PM 56287006504912025403 07 05 67 0002345 K=1.46E00	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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CALIFORNIA MILK - JULY 1967-DEC 1967		COLLECTED	
RIVERSIDE CALIFORNIA	ORANGE CREST DRY AM	56287006504912025442 07 07 67	0002345
131I=ND	137CS=ND	K=1.36E00	NO
CHEM			
RIVERSIDE CALIFORNIA	ORANGE CREST DRY AM	53287006504912039467 12 18 67	345
131I=ND	133I=ND	137CS=ND	K=1.59E00
89SR=0	90SR=2.3		
RIVERSIDE CALIFORNIA	ORANGE CREST DRY AM	53287006504912039554 12 19 67	345
133I=ND	131I=ND	137CS=ND	K=1.59E00
89SR=0	90SR=3.3		
RIVERSIDE CALIFORNIA	ORANGE CREST DRY AM	53287006504912039556 12 20 67	345
131I=ND	133I=ND	137CS=ND	K=1.61E00
89SR=0	90SR=3.4		
RIVERSIDE CALIFORNIA	ORANGE CREST DRY AM	53287006504912039633 12 21 67	345
131I=ND	133I=ND	137CS=ND	K=1.39E00
89SR=0	90SR=4.4		
RIVERSIDE CALIFORNIA	ORANGE CREST DRY AM	53287006504912039668 12 22 67	345
131I=ND	133I=ND	137CS=ND	K=1.50E00
NO	CHEM		
RIVERSIDE CALIFORNIA	ORANGE CREST DRY AM	53287006504912039667 12 24 67	345
131I=ND	133I=ND	137CS=ND	K=1.32E00
NO	CHEM		
SAN LUIS OBISPO CALIFORNIA	FOREMOST COAM	53310007904912039471 12 18 67	335
131I=ND	133I=ND	137CS=ND	K=1.51E00
89SR=0	90SR=1.8		

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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CALIFORNIA MILK - JULY 1967-DEC 1967				COLLECTED
SAN LUIS OBISPO CALIFORNIA FOREMOST COPM	53310007904912039558	12 19 67		335
131I=ND	133I=ND	137CS=ND	K=1.78E00	
89SR=0	90SR=4.2			
SAN LUIS OBISPO CALIFORNIA FOREMOST COAM	53310007904912039636	12 20 67		335
131I=ND	133I=ND	137CS=ND	K=1.67E00	
89SR=0	90SR=1.2			
SAN LUIS OBISPO CALIFORNIA FOREMOST COAM	53310007904912039658	12 21 67		335
131I=ND	133I=ND	137CS=ND	K=1.37E00	
NO	CHEM			
SAN LUIS OBISPO CALIFORNIA FOREMOST COPM	53310007904912039672	12 22 67		335
131I=ND	133I=ND	137CS=ND	K=1.66E00	
NO	CHEM			
SAN LUIS OBISPO CALIFORNIA FOREMOST COAM	53310007904912039721	12 24 67		335
131I=ND	133I=ND	137CS=ND	K=1.00E00	
NO	CHEM			
SAN LUIS OBISPO CALIFORNIA FOREMOST COAM	53310007904912039724	12 24 67		335
131I=ND	133I=ND	137CS=ND	K=1.54E00	
NO	CHEM			
SANTA CLARA CALIFORNIA EDELWEISS DAIRYAM	56318008504912025399	07 05 67	0002348	
131I=ND	137CS=ND	K=1.21E00	NO	
CHEM				
SANTA CLARA CALIFORNIA EDELWEISS DAIRYPM	51318008504912025528	07 13 67	0002348	
131I=ND	137CS=ND	K=1.73E00	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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CALIFORNIA MILK - JULY 1967-DEC 1967

COLLECTED

SANTA CLARA CALIFORNIA EDELWEISS DAIRY	PM	51318008504912025529	07 16 67	0002348
131I=ND		137CS=1.0E01	K=1.54E00	NO
CHEM				
SANTA CLARA CALIFORNIA EDELWEISS DAIRY	PM	51318008504912025527	07 18 67	0002348
131I=ND		137CS=9.0E00	K=1.67E00	89SR=1
90SR=1.6				
SANTA CRUZ CALIFORNIA SWISS DAIRY	PM	56319008704912025371	07 02 67	0002333
131I=ND		137CS=1.4E01	K=1.44E00	NO
CHEM				
SANTA CRUZ CALIFORNIA SWISS DAIRY	PM	56319008704912025397	07 04 67	0002333
131I=ND		137CS=1.1E01	K=1.01E00	NO
CHEM				
SANTA CRUZ CALIFORNIA SWISS DAIRY	PM	56319008704912025446	07 06 67	0002333
131I=ND		137CS=ND	K=1.58E00	NO
CHEM				
SANTA CRUZ CALIFORNIA SWISS DAIRY	PM	56319008704912025453	07 08 67	0002333
131I=ND		137CS=7.0E00	1408A=1.62E00	NO
CHEM				
SANTA ROSA CALIFORNIA ARLINGTON FARMS	AM	56324009704912025404	07 03 67	0002323
131I=ND		137CS=ND	K=1.47E00	NO
CHEM				
SANTA ROSA CALIFORNIA ARLINGTON FARMS	AM	56324009704912025401	07 05 67	0002323
131I=ND		137CS=1.1E01	K=1.43E00	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 1967-DEC 1967

COLLECTED

ALAMOSA COLORADO ALAMOSA MILK CO 131I=ND 90SR=3.0	137CS=ND	54001000305812025600 08 01 67 0002211 K=1.50E00 89SR=2
ALAMOSA COLORADO ALAMOSA MILK CO INC 131I=ND CHEM	137CS=ND	PM 54001000305812034989 10 23 67 0002211 K=1.48E00 NO
ALLISON COLORADO VALLEY VIEW RANCH 131I=ND 90SR=4.5	137CS=ND	AM 54001506705813025572 07 31 67 7402001 K=1.61E00 89SR=1
ALLISON COLORADO VALLEY VIEW RANCH 131I=ND 90SR=5.8	137CS=ND	PM 54001506705813025841 09 04 67 7342229 K=1.33E00 89SR=0
ALLISON COLORADO VALLEY VIEW RANCH 131I=ND CHEM	137CS=ND	AM 54001506705813037005 10 23 67 6162229 K=1.64E00 NO
DEL NORTE COLORADO 2 1/2 MI N E 131I=ND 90SR=4.3	137CS=1.0E01	54012710505813025588 08 01 67 7302001 K=1.5 89SR=4
DEL NORTE COLORADO PAULSON RANCH 131I=ND 90SR=4.8	137CS=ND	AM 54012710505813025871 09 07 67 6302054 K=1.28E00 89SR=1
DEL NORTE COLORADO PAULSON RANCH 131I=ND CHEM	137CS=ND	54012710505813037057 10 20 67 6392054 K=1.09E00 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

COLORADO MILK - JULY 1967-DEC 1967		COLLECTED
DURANGO COLORADO CLOVER RICH DAIRY 131I=ND 90SR=5.3	137CS=ND	PM 54016006705812025599 07 30 67 0002209 K=1.54E00 89SR=0
DURANGO COLORADO CLOVER RICH DAIRY 131I=ND	137CS=ND	PM 54016006705812034975 10 21 67 0002209 K=1.35E00
PAGOSA SPRINGS COLORADO R BROWN RANCH 131I=ND 90SR=6.8	137CS=ND	AM 54040500705813025562 08 01 67 2102029 K=1.49E00 89SR=5
PAGOSA SPRINGS COLORADO R BROWN RANCH 131I=ND 89SR=6.5	137CS=1.0E01	AM 54040500705813025872 09 05 67 2112029 K=1.34E00 89SR=4
PAGOSA SPRINGS COLORADO R BROWN RANCH 131I=ND CHEM.	137CS=ND	AM 54040500705813037002 10 23 67 2102029 K=1.44E00 NO
ROMEO COLORADO CHRISTENSEN FARM 131I=ND 90SR=6.6	137CS=ND	AM 54042502105813025595 07 30 67 7102001 K=1.65E00 89SR=3
ROMEO COLORADO 2.5 MI S OF ROMEO COLO 131I=ND CHEM	137CS=ND	AM 54042502105813037236 10 25 67 2202022 K=1.51E00 NO
TRINIDAD COLORADO PETRAMALA DAIRY 131I=ND 90SR=5.1	137CS=2.0E01	AM 54048007105812025878 09 12 67 6402212 K=1.57E00 89SR=0
TRINIDAD COLORADO PETRAMALA DAIRY 131I=ND CHEM	137CS=ND	PM 54048007105812037019 10 24 67 0002212 K=1.48E00 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 1967-DEC 1967

COLLECTED

ADAVEN NEVADA PINE CREEK RANCH 131I=ND 90SR=7.2	137CS=1.4E01	AM 51011002327913025475 07 12 67 4710020 K=1.76E00 89SR=2
ALAMO NEVADA M K STEWART DAIRY 131I=ND 90SR=2.1	137CS=ND	PM 51014001727912025519 07 22 67 5410078 K=1.48E00 89SR=0
ALAMO NEVADA M K STEWART DAIRY 131I=ND 90SR=16.5	137CS=1.9E01	AM 51014001727912025549 08 03 67 9470078 K=1.65E00 89SR=1
ALAMO NEVADA M K STEWART DAIRY 131I=ND 90SR=2.6	137CS=ND	AM 51014001727912025781 09 07 67 9470078 K=1.61E00 89SR=0
ALAMO NEVADA M K STEWART DAIRY 131I=ND 90SR=1.6	137CS=10E00	PM 51014001727912034431 10 03 67 9470078 K=1.45E00 89SR=1
ALAMO NEVADA M K STEWART DAIRY 131I=ND 90SR=4.7	137CS=ND	AM 51014001727912037331 11 01 67 6470078 K=1.52E00 89SR=0
ALAMO NEVADA M K STEWART DAIRY 131I=ND 90SR=1.9	137CS=ND	PM 51014001727912037822 11 29 67 6470078 K=1.50E00 89SR=1
AUSTIN NEVADA YOUNGS RANCH 131I=ND 90SR=3.2	137CS=ND	AM 51018701527913025518 07 19 67 8390010 K=1.86E00 89SR=0

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 1967-DEC 1967

COLLECTED

AUSTIN NEVADA YOUNGS RANCH 131I=ND 90SR=5.6	137CS=ND	AM 51018701527913025630 08 09 67 4210010 K=1.56E00 89SR=0
AUSTIN NEVADA YOUNGS RANCH 131I=ND 90SR=3.8	137CS=1.1E01	AM 51018701527913025908 09 14 67 8390010 K=1.59E00 89SR=0
AUSTIN NEVADA YOUNGS RANCH 131I=ND 90SR=5.2	137CS=ND	AM 51018701527913034520 10 05 67 6390010 K=1.51E00 89SR=1
AUSTIN NEVADA YOUNGS RANCH 131I=ND 90SR=4.2	137CS=ND	AM 51018701527913037423 11 01 67 8390010 K=1.56E00 89SR=1
AUSTIN NEVADA TRIPLE T RANCH 131I=ND 90SR=3.4	137CS=1.3E01	AM 51018701527913025464 07 12 67 6390016 K=1.50E00 89SR=1
AUSTIN NEVADA TRIPLE T RANCH 131I=ND 90SR=2.7	137CS=ND	AM 51018701527913025643 08 08 67 4210016 K=1.60E00 89SR=1
AUSTIN NEVADA TRIPLE T RANCH 131I=ND 90SR=2.3	137CS=ND	AM 51018701527913025910 09 14 67 8390016 K=1.36E00 89SR=0
AUSTIN NEVADA TRIPLE T RANCH 131I=ND 90SR=1.4	137CS=ND	PM 51018701527913034859 10 17 67 8390016 K=1.26E00 89SR=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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NEVADA MILK - JULY 1967-DEC 1967

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AUSTIN NEVADA TRIPLE T RANCH 131I=ND 90SR=3.8 137CS=ND	AM 51018701527913037422 11 01 67 8390016 K=1.27E00 89SR=0
BATTLE MT. NEVADA T LAZY S RANCH 131I=ND 90SR=2.7 137CS=ND	AM 51020801527913025775 08 27 67 7200050 K=1.40E00 89SR=0
BATTLE MT. NEVADA T LAZY S RANCH 131I=ND 90SR=3.4 137CS=ND	AM 51020801527913025916 09 23 67 6700050 K=1.45E00 89SR=1
BATTLE MT. NEVADA T LAZY S RANCH 131I=ND 90SR=5.6 137CS=20E00	AM 51020801527913034867 10 17 67 8290050 K=1.37E00 89SR=0
BATTLE MT. NEVADA T LAZY S RANCH 131I=ND 90SR=3.1 137CS=ND	PM 51020801527913037564 11 07 67 8270050 K=1.48E00 89SR=1
BEOVAWE NEVADA FRIESEN RANCH 131I=ND 90SR=1.6 137CS=ND	AM 51021601127913025778 08 28 67 1900070 K=1.52E00 89SR=2
BEOVAWE NEVADA FRIESEN RANCH 131I=ND 90SR=2.5 137CS=ND	AM 51021601127913025921 09 23 67 6700070 K=1.42E00 89SR=1
BEOVAWE NEVADA FRIESEN RANCH 131I=ND 90SR=5.3 137CS=1.1E01	AM 51021601127913037600 11 08 67 6990070 K=1.89E00 89SR=1

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 1967-DEC 1967

COLLECTED

CALIENTE NEVADA YOUNGS RANCH 131I=ND 90SR=2.8	137CS=1.7E01	PM 51030401727913037683 11 16 67 6310067 K=1.74E00 89SR=0
CALIENTE NEVADA YOUNGS RANCH 131I=ND 90SR=0.9	137CS=ND	PM 51030401727913037821 11 29 67 1310067 K=1.49E00 89SR=1
CURRENT NEVADA BLUE EAGLE RANCH 131I=ND 90SR=2.6	137CS=2.8E01	PM 51038602327913025467 07 11 67 4930099 K=1.68E00 89SR=3
CURRENT NEVADA BLUE EAGLE RANCH 131I=ND 90SR=0.0	137CS=1.2E01	PM 51038602327913025774 08 24 67 1900099 K=1.56E00 89SR=6
CURRENT NEVADA BLUE EAGLE RANCH 131I=ND 90SR=3.0	137CS=2.0E01	AM 51038602327913032766 09 19 67 4930099 K=1.73E00 89SR=1
CURRENT NEVADA BLUE EAGLE RANCH 131I=ND 90SR=3.1	137CS=29E00	PM 51038602327913034874 10 15 67 4930099 K=1.69E00 89SR=1
CURRENT NEVADA BLUE EAGLE RANCH 131I=ND 90SR=6.8	137CS=3.4E01	PM 51038602327913037597 11 11 67 4930099 K=1.43E00 89SR=0
CURRIE NEVADA KITT LEAR RANCH 131I=ND 90SR=4.8	137CS=ND	AM 51038800727913025918 09 25 67 6300100 K=1.48E00 89SR=1

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 1967-DEC 1967

COLLECTED

DUCKWATER NEVADA HALSTEAD RANCH 131I=ND 90SR=2.4	137CS=9.0E00	PM 51048002327913025469 07 11 67 3200105 K=1.69E00 89SR=6
DUCKWATER NEVADA HALSTEAD RANCH 131I=ND 90SR=1.3	137CS=13.E00	AM 51048002327913025773 08 24 67 1900105 K=1.66E00 89SR=3
DUCKWATER NEVADA HALSTEAD RANCH 131I=ND 90SR=2.4	137CS=1.0E01	AM 51048002327913025922 09 19 67 1900105 K=1.56E00 89SR=0
DUCKWATER NEVADA HALSTEAD RANCH 131I=ND 90SR=1.7	137CS=11E00	AM 51048002327913034868 10 10 67 4230105 K=1.32E00 89SR=5
DUCKWATER NEVADA HALSTEAD RANCH 131I=ND 90SR=3.5	137CS=ND	PM 51048002327913037549 11 07 67 4210105 K=1.36E00 89SR=0
ELKO NEVADA ANCHOR S RANCH 131I=ND 90SR=2.2	137CS=ND	AM 51054400727913025777 08 27 67 7300194 K=1.76E00 89SR=2
ELKO NEVADA ANCHOR S RANCH 131I=ND 90SR=1.4	137CS=ND	AM 51054400727913025917 09 22 67 6200194 K=1.71E00 89SR=2
ELKO NEVADA ANCHOR S RANCH 131I=ND 90SR=2.7	137CS=13E00	AM 51054400727913034883 10 16 67 8230194 K=1.77E00 89SR=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 1967-DEC 1967

COLLECTED

ELKO NEVADA ANCHOR S RANCH 131I=ND 90SR=5.6	137CS=ND	AM 51054400727913037561 11 08 67 8290194 K=1.66E00 89SR=0
EUREKA NEVADA SEGURA RANCH 131I=ND 90SR=2.5	137CS=1.8E01	PM 51058601127913025472 07 12 67 8690003 K=1.44E00 89SR=4
EUREKA NEVADA MARTIN RANCH 131I=ND 90SR=6.2	137CS=ND	AM 51058601127913025640 08 09 67 4710079 K=2.0E00 89SR=1
EUREKA NEVADA MARTIN RANCH 131I=ND 90SR=7.3	137CS=ND	AM 51058601127913034914 10 16 67 4710079 K=1.74E00 89SR=0
EUREKA NEVADA MARTIN RANCH 131I=ND 90SR=6.6	137CS=ND	AM 51058601127913037801 11 26 67 6390079 K=1.77E00 89SR=1
HIKO NEVADA SCHOFIELD DAIRY 131I=ND 90SR=4.4	137CS=ND	AM 51083401727912025511 07 13 67 3410057 K=1.73E00 89SR=0
HIKO NEVADA SCHOFIELD DAIRY 131I=ND 90SR=1.5	137CS=ND	PM 51083401727912025548 08 03 67 3410057 K=1.45E00 89SR=1
HIKO NEVADA SCHOFIELD DAIRY 131I=ND 90SR=0.8	137CS=ND	AM 52083401727912025679 09 01 67 3402057 K=1.35E00 89SR=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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NEVADA MILK - JULY 1967-DEC 1967

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HIKO NEVADA SCHOFIELD DAIRY 131I=ND 90SR=0.8	137CS=ND	AM 51083401727912025782 09 07 67 3410057 K=1.47E00 89SR=2
HIKO NEVADA SCHOFIELD DAIRY 131I=ND 90SR=2.4	137CS=ND	PM 51083401727912034433 10 03 67 3410057 K=1.59E00 89SR=0
HIKO NEVADA SCHOFIELD DAIRY 131I=ND 90SR=2.7	137CS=ND	AM 51083401727912037322 11 01 67 1430057 K=1.47E00 89SR=0
HIKO NEVADA SCHOFIELD DAIRY 131I=ND 90SR=2.1	137CS=ND	AM 51083401727912037824 11 29 67 1430057 K=1.46E00 89SR=0
LAS VEGAS NEVADA LDS FARM 131I=ND NO	133I=ND CHEM	AM 53120700327912039487 12 20 67 129 137CS=ND K=1.73E00
LAS VEGAS NEVADA ANDERSON DAIRY 131I=ND 90SR=2.6	137CS=ND	51120700327911025448 07 10 67 0000302 K=1.56E00 89SR=0
LAS VEGAS NEVADA ANDERSON DAIRY 131I=ND 90SR=2.7	137CS=ND	51120700327911025543 08 02 67 0000302 K=1.60E00 89SR=0
LAS VEGAS NEVADA ANDERSON DAIRY 131I=ND 90SR=2.3	137CS=ND	AM 51120700327911025830 09 13 67 0000302 K=1.65E00 89SR=0

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 1967-DEC 1967

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LAS VEGAS NEVADA ANDERSON DAIRY
 131I=ND 137CS=ND
 90SR=4.0

AM 51120700327911034475 10 06 67 0000302
 K=1.36E00 89SR=0

LAS VEGAS NEVADA ANDERSON DAIRY
 131I=ND 137CS=ND
 90SR=4.0

PM 51120700327911037355 11 02 67 0000302
 K=1.47E00 89SR=0

LAS VEGAS NEVADA ARDEN DAIRY
 131I=ND 137CS=ND
 90SR=2.9

51120700327911025449 07 10 67 0000303
 K=1.48E00 89SR=0

LAS VEGAS NEVADA ARDEN DAIRY
 131I=ND 137CS=ND
 90SR=0.8

51120700327911025545 08 02 67 0000303
 K=1.52E00 89SR=1

LAS VEGAS NEVADA ARDEN DAIRY
 131I=ND 137CS=ND
 90SR=2.0

AM 51120700327911025831 09 13 67 0000303
 K=1.74E00 89SR=0

LAS VEGAS NEVADA ARDEN DAIRY
 131I=ND 137CS=ND
 90SR=3.6

AM 51120700327911034471 10 06 67 0000303
 K=1.41E00 89SR=0

LAS VEGAS NEVADA ARDEN DAIRY
 131I=ND 137CS=ND
 90SR=3.1

PM 51120700327911037352 11 02 67 0000303
 K=1.53E00 89SR=0

LATHROP WELLS NEVADA DANSBY RANCH
 131I=ND 137CS=ND
 90SR=0.4

AM 51120902327913025410 07 06 67 4330065
 K=1.45E00 89SR=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,
 LTIX) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1967-DEC 1967

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LATHROP WELLS NEVADA DANSBY RANCH 131I=ND 90SR=1.7	137CS=ND	AM 51120902327913025611 08 08 67 4330065 K=1.50E00 89SR=0
LATHROP WELLS NEVADA DANSBY RANCH 131I=ND 90SR=1.1	137CS=1.8E01	PM 51120902327913025807 09 10 67 4330065 K=1.51E00 89SR=1
LATHROP WELLS NEVADA DANSBY RANCH 131I=ND 90SR=2.5	137CS=ND	AM 51120902327913034411 10 04 67 4330065 K=1.57E00 89SR=0
LATHROP WELLS NEVADA DANSBY RANCH 131I=ND 90SR=2.6	137CS=ND	PM 51120902327913037408 11 01 67 8390065 K=1.45E00 89SR=0
LATHROP WELLS NEVADA DANSBY RANCH 131I=ND 90SR=4.9	137CS=ND	AM 51120902327913037946 12 11 67 8390065 K=0.4E00 89SR=10
LATHROP WELLS NEVADA DANSBY RANCH 131I=ND 89SR=0	133I=ND 90SR=1.0	PM 53120902327913039109 12 15 67 4392065 137CS=4.7E01 K=1.53E00
LATHROP WELLS NEVADA DANSBY RANCH 131I=9.0E01 89SR=1	133I=3.9E02 90SR=2.1	AM 53120902327913039107 12 16 67 4392065 137CS=3.6E01 K=1.57E00
LATHROP WELLS NEVADA DANSBY RANCH 131I=5.7E01 89SR=3	133I=1.5E02 90SR=0.7	AM 53120902327913039200 12 17 67 1932065 137CS=ND K=1.14E00

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 1967-DEC 1967

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LATHROP WELLS NEVADA 131I=7.0E01 89SR=6	DANSBY RANCH 133I=3.0E01 90SR=0.0	PM 53120902327913039290 12 18 67 1932065 137CS=4.0E01 K=1.64E00
LATHROP WELLS NEVADA 131I=3.0E01 89SR=0	DANSBY RANCH 133I=ND 90SR=2.2	PM 53120902327913039375 12 19 67 1932065 137CS=1.7E01 K=1.46E00
LATHROP WELLS NEVADA 131I=2.0E01 NO	DANSBY RANCH 133I=ND CHEM	AM 53120902327913039495 12 20 67 1932065 137CS=ND K=1.47E00
LATHROP WELLS NEVADA 131I=1.0E01 89SR=0	DANSBY RANCH 133I=ND 90SR=4.2	AM 53120902327913039618 12 21 67 1932065 137CS=ND K=1.59E00
LATHROP WELLS NEVADA 131I=ND NO	DANSBY RANCH 133I=ND CHEM	AM 53120902327913039703 12 24 67 1932065 137CS=ND K=1.51E00
LATHROP WELLS NEVADA 131I=ND NO	DANSBY RANCH 133I=ND CHEM	AM 53120902327913039707 12 26 67 1932065 137CS=ND K=1.17E00
LATHROP WELLS NEVADA 131I=ND 90SR=3.8	SELBACH RANCH 137CS=ND	PM 51120902327913025429 07 05 67 1330067 K=1.58E00 89SR=1
LATHROP WELLS NEVADA 131I=ND 90SR=0.1	SELBACH RANCH 137CS=ND	AM 51120902327913025622 08 08 67 4330067 K=1.61E00 89SR=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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LATHROP WELLS NEVADA SELBACH RANCH 131I=ND 90SR=0.0	137CS=ND	AM 51120902327913025809 09 11 67 4330067 K=1.49E00 89SR=3
LATHROP WELLS NEVADA SELBACH RANCH 131I=ND 90SR=0.6	137CS=ND	PM 51120902327913034751 10 13 67 4330067 K=0.64E00 89SR=2
LATHROP WELLS NEVADA SELBACH RANCH 131I=ND 90SR=1.4	137CS=ND	51120902327913037380 11 02 67 1320067 K=1.64E00 89SR=0
LATHROP WELLS NEVADA HORDS RANCH 131I=ND 89SR=0	133I=5.0E01 90SR=1.4	PM 53120902327913039123 12 16 67 6992206 137CS=1.1E01 K=1.27E00
LATHROP WELLS NEVADA HORDS RANCH 131I=2.7E01 89SR=2	133I=6.0E01 90SR=0.3	PM 53120902327913039201 12 17 67 6932206 137CS=1.4E01 K=1.59E00
LATHROP WELLS NEVADA HORDS RANCH 131I=8.0E01 89SR=4	133I=5.0E01 90SR=0.0	PM 53120902327913039289 12 18 67 1932206 137CS=ND K=1.39E00
LATHROP WELLS NEVADA HORDS RANCH 131I=3.0E01 89SR=1	133I=ND 90SR=1.4	PM 53120902327913039379 12 19 67 6932206 137CS=1.0E01 K=1.47E00
LATHROP WELLS NEVADA HORDS RANCH 131I=ND NO	133I=ND CHEM	PM 53120902327913039506 12 20 67 6932206 137CS=ND K=1.26E00

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 1967-DEC 1967

COLLECTED

LATHROP WELLS NEVADA HORDS RANCH 131I=1.0E01 NO	133I=ND CHEM	PM 53120902327913039609 12 21 67 6932206 137CS=ND K=1.16E00
LATHROP WELLS NEVADA HORDS RANCH 131I=ND NO	133I=ND CHEM	PM 53120902327913039705 12 23 67 6932206 137CS=ND K=1.30E00
LATHROP WELLS NEVADA HORDS RANCH 131I=ND NO	133I=ND CHEM	PM 53120902327913039701 12 25 67 6932206 137CS=ND K=1.42E00
LATHROP WELLS NEVADA TOM NICKELL RANCH 131I=ND 90SR=1.1	137CS=ND	PM 53120902327913039050 12 15 67 6462207 K=1.77E00 89SR=1
LATHROP WELLS NEVADA TOM NICKELL RANCH 131I=4.0E01 89SR=2	133I=8.0E01 90SR=0.1	AM 53120902327913039203 12 17 67 1932207 137CS=ND K=1.57E00
LATHROP WELLS NEVADA TOM NICKELL RANCH 131I=3.0E01 89SR=3	133I=2.0E01 90SR=0.0	PM 53120902327913039288 12 18 67 1922207 137CS=ND K=1.66E00
LATHROP WELLS NEVADA TOM NICKELL RANCH 131I=ND 89SR=2	133I=ND 90SR=0.4	AM 53120902327913039372 12 19 67 1922207 137CS=ND K=1.69E00
LATHROP WELLS NEVADA TOM NICKELL RANCH 131I=ND 89SR=2	133I=ND 90SR=0.5	AM 53120902327913039502 12 20 67 1922207 137CS=ND K=1.57E00

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 1967-DEC 1967

COLLECTED

LATHROP WELLS NEVADA	TOM NICKELL RANHAM	53120902327913039616	12 21 67	1922207
131I=ND	133I=ND	137CS=ND		K=1.67E00
89SR=0	90SR=3.9			
LATHROP WELLS NEVADA	TOM NICKELL RANHAM	53120902327913039696	12 24 67	1922207
131I=ND	133I=ND	137CS=ND		K=1.49E00
NO	CHEM			
LATHROP WELLS NEVADA	TOM NICKELL RANHAM	53120902327913039706	12 26 67	1922207
131I=ND	133I=ND	137CS=ND		K=1.46E00
NO	CHEM			
LATHROP WELLS NEVADA	ROOKER RANCH	AM 53120902327913039124	12 16 67	1332342
131I=ND	133I=5.0E01	137CS=1.1E01		K=1.27E00
89SR=0	90SR=1.6			
LATHROP WELLS NEVADA	ROOKER RANCH	AM 53120902327913039202	12 17 67	1932342
131I=4.0E01	133I=1.2E02	137CS=1.4E01		K=1.28E00
89SR=3	90SR=0.5			
LATHROP WELLS NEVADA	ROOKER RANCH	PM 53120902327913039291	12 18 67	1932342
133I=7.0E01	131I=9.0E01	137CS=2.0E01		K=1.69E00
89SR=0	90SR=2.5			
LATHROP WELLS NEVADA	ROOKER RANCH	PM 53120902327913039383	12 19 67	1932342
131I=7.0E01	133I=2.0E01	137CS=1.4E01		K=1.38E00
89SR=0	90SR=2.9			
LATHROP WELLS NEVADA	ROOKER RANCH	AM 53120902327913039505	12 20 67	1932342
131I=6.0E01	133I=ND	137CS=ND		K=1.18E00
89SR=0	90SR=6.3			

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.

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NEVADA MILK - JULY 1967-DEC 1967

COLLECTED

LATHROP WELLS NEVADA ROOKER RANCH 131I=7.0E01 89SR=0	133I=ND 90SR=2.3	AM 53120902327913039610 12 21 67 1932342 137CS=1.0E01 K=1.41E00
LATHROP WELLS NEVADA ROOKER RANCH 131I=ND NO	133I=ND CHEM	AM 53120902327913039704 12 24 67 1932342 137CS=ND K=1.50E00
LATHROP WELLS NEVADA ROOKER RANCH 131I=ND NO	133I=ND CHEM	AM 53120902327913039702 12 26 67 1932342 137CS=ND K=1.28E00
LOGANDALE NEVADA VEGAS VALLEY DAIRY 131I=ND 90SR=1.1	137CS=ND	51125200327912025457 07 11 67 0000301 K=1.67E00 89SR=2
LOGANDALE NEVADA VEGAS VALLEY DAIRY 131I=ND 90SR=0.9	137CS=ND	51125200327912025628 08 07 67 0000301 K=1.53E00 89SR=1
LOGANDALE NEVADA VEGAS VALLEY DAIRY 131I=ND 90SR=2.1	137CS=ND	AM 51125200327912025824 09 11 67 0000301 K=1.62E00 89SR=0
LOGANDALE NEVADA VEGAS VALLEY DAIRY 131I=ND 90SR=2.9	137CS=ND	AM 51125200327912034470 10 04 67 0000301 K=1.51E00 89SR=0
LOGANDALE NEVADA VEGAS VALLEY DAIRY 131I=ND 90SR=1.9	137CS=ND	PM 51125200327912037354 11 01 67 0000301 K=1.49E00 89SR=1

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 1967-DEC 1967

COLLECTED

LOGANDALE NEVADA VEGAS VALLEY DAIRY 131I=ND 90SR=0.8	137CS=ND	PM 51125200327912037983 12 11 67 0000301 K=1.29E00 89SR=2
LOGANDALE NEVADA VEGAS VALLEY DAIRY 131I=ND 90SR=1.6	137CS=ND	AM 51125200327912039956 12 30 67 0000301 K=1.4E00 89SR=1
LUND NEVADA MCKENZIE DAIRY 131I=ND 90SR=3.4	137CS=2.1E01	51128503327912030270 07 06 67 6994077 K=1.73E00 89SR=0
LUND NEVADA MCKENZIE DAIRY 131I=ND 90SR=4.0	137CS=8.0E00	51128503327912030396 07 18 67 6994077 K=1.48E00 89SR=0
LUND NEVADA MCKENZIE DAIRY 131I=ND 90SR=2.6	137CS=ND	51128503327912030577 08 04 67 6994077 K=1.51E00 89SR=2
LUND NEVADA MCKENZIE DAIRY 131I=ND 90SR=2.8	137CS=ND	51128503327912030868 08 20 67 6994077 K=1.71E00 89SR=0
LUND NEVADA MCKENZIE DAIRY 131I=ND 90SR=1.2	137CS=ND	AM 52128503327912025749 09 01 67 6902077 K=1.60E00 89SR=2
LUND NEVADA MCKENZIE DAIRY 131I=ND 90SR=2.4	137CS=ND	51128503327912032516 09 13 67 6994077 K=1.04E00 89SR=0

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,
SCIL RESULTS ARE PCI/GM,
LT(X) DENOTES A RESULT LESS THAN X.

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NEVADA MILK - JULY 1967-DEC 1967

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LUND NEVADA MCKENZIE DAIRY 131I=ND 137CS=ND 90SR=4.4	AM 51128503327912037548 11 07 67 8994077 K=1.58E00 89SR=0
LUND NEVADA MCKENZIE DAIRY 131I=ND 137CS=ND 90SR=2.3	AM 51128503327912037800 11 27 67 3934077 K=1.57E00 89SR=0
LUND NEVADA MCKENZIE DAIRY 131I=ND 137CS=ND 90SR=2.2	PM 51128503327912039250 12 11 67 3934077 K=1.4E00 89SR=0
LUND NEVADA MCKENZIE DAIRY 131I=ND 137CS=ND 90SR=3.0	PM 51128503327912039676 12 21 67 6930077 K=1.5E00 89SR=0
MCGILL NEVADA LARSEN RANCH 131I=ND 137CS=ND 90SR=2.3	AM 51130303327913025920 09 21 67 1900030 K=1.53E00 89SR=0
MCGILL NEVADA LARSEN RANCH 131I=ND 137CS=ND 90SR=3.5	AM 51130303327913034869 10 18 67 8990030 K=1.84E00 89SR=0
MCGILL NEVADA LARSEN RANCH 131I=ND 137CS=ND 90SR=3.5	PM 51130303327913037550 11 08 67 4930030 K=1.56E00 89SR=0
MANHATTEN NEVADA LEE HIATT RANCH 131I=ND 137CS=ND 90SR=3.2	AM 51130502327913025639 08 08 67 8430018 K=1.26E00 89SR=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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NEVADA MILK - JULY 1967-DEC 1967

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MANHATTEN NEVADA LEE HIATT RANCH 131I=ND 90SR=4.7	137CS=ND	AM 51130502327913025909 09 14 67 8390018 K=1.56E00 89SR=1
MANHATTAN NEVADA LEE HIATT RANCH 131I=ND 90SR=5.9	137CS=17.E00	PM 51130502327913034517 10 04 67 8430018 K=1.40E00 89SR=0
MANHATTEN NEVADA LEE HIATT RANCH 131I=ND 90SR=5.6	137CS=ND	AM 51130502327913037421 11 01 67 8390018 K=1.65E00 89SR=1
MESQUITE NEVADA HUGHES BROS DAIRY 131I=ND 90SR=1.6	137CS=1.6E01	AM 51131600327912025455 07 11 67 6490062 K=1.59E00 89SR=2
MESQUITE NEVADA HUGHES BROS DAIRY 131I=ND 90SR=1.1	137CS=ND	PM 51131600327912025631 08 08 67 1340062 K=1.52E00 89SR=0
MESQUITE NEVADA HUGHES BROS DAIRY 131I=ND 90SR=2.7	137CS=ND	PM 51131600327912025823 09 11 67 1340062 K=1.95E00 89SR=1
MESQUITE NEVADA HUGHES BROS DAIRY 131I=ND 90SR=3.6	137CS=ND	AM 51131600327912034466 10 05 67 1340062 K=1.46E00 89SR=0
MESQUITE NEVADA HUGHES BROS DAIRY 131I=ND 90SR=3.0	137CS=1.5E01	PM 51131600327912037353 11 02 67 9380062 K=1.48E00 89SR=0

NOTE--MILK, WATER, RADON UNITS ARE PCI/L, EXCEPT K=GM/L,
FOOD AND FBED 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 1967-DEC 1967

COLLECTED

MESQUITE NEVADA HUGHES BROS 131I=ND 90SR=1.2	137CS=ND	PM 51131600327912037979 12 12 67 9380062 K=1.69E00 89SR=2
MOAPA NEVADA SEARLES DAIRY 131I=ND 90SR=1.4	137CS=ND	PM 51135000327912025783 09 07 67 9470071 K=1.59E00 89SR=0
MOAPA NEVADA SEARLES DAIRY 131I=ND 90SR=3.7	137CS=1.7E01	AM 51133700327912037328 11 01 67 6470071 K=1.58E00 89SR=0
MOAPA NEVADA SEARLES DAIRY 131I=ND 90SR=3.0	137CS=1.4E01	51135000327912025516 07 12 67 9490071 K=1.52E00 89SR=0
MOAPA NEVADA SEARLES DAIRY 131I=ND 90SR=2.2	137CS=9.0E00	PM 51135000327912025547 08 02 67 9470071 K=1.67E00 89SR=1
MOAPA NEVADA SEARLES DAIRY 131I=ND 90SR=5.0	137CS=11E00	AM 51135000327912034430 10 03 67 9470071 K=1.39E00 89SR=0
MOAPA NEVADA SEARLES DAIRY 131I=ND 90SR=1.0	137CS=1.0E01	AM 51135000327912037823 11 30 67 6470071 K=1.43E00 89SR=2
MONTELO NEVADA GAMBLE RANCH 131I=ND 90SR=4.3	137CS=ND	PM 51135500727913025914 09 19 67 0000028 K=1.17E00 89SR=0

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 1967-DEC 1967

COLLECTED

MONTELLO NEVADA GAMBLE RANCH 131I=ND 90SR=2.6	137CS=ND	PM 51135500727913037598 11 08 67 4310028 K=1.43E00 89SR=0
MONTELLO NEVADA GAMBLE RANCH 131I=ND 90SR=3.6	137CS=ND	PM 51135500727913039472 12 12 67 4310028 K=1.43E00 89SR=0
NYALA NEVADA SHARPS RANCH 131I=ND 90SR=8.6	137CS=1.4E01	AM 51149002327913025474 07 12 67 4310054 K=1.46E00 89SR=0
NYALA NEVADA SHARPS RANCH 131I=ND 90SR=5.6	137CS=ND	AM 51149002327913025653 08 09 67 6490054 K=1.45E00 89SR=0
NYALA NEVADA SHARPS RANCH 131I=ND 90SR=5.8	137CS=ND	AM 51149002327913025668 08 24 67 6360054 K=1.30E00 89SR=0
NYALA NEVADA SHARPS RANCH 131I=ND 90SR=5.5	137CS=ND	AM 52149002327913025687 09 01 67 4702054 K=1.46E00 89SR=1
NYALA NEVADA SHARPS RANCH 131I=ND 90SR=3.8	137CS=1.1E01	AM 51149002327913025912 09 21 67 4300054 K=1.52E00 89SR=4
NYALA NEVADA SHARPS RANCH 131I=ND 90SR=5.6	137CS=25.0E00	PM 51149002327913034939 10 18 67 2230054 K=1.86E00 89SR=0

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 1967-DEC 1967

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NYALA NEVADA SHARPS RANCH 131I=ND 90SR=7.1	137CS=3.8E01	AM 51149002327913037675 11 15 67 1310054 K=1.74E00 89SR=0
NYALA NEVADA SHARPS RANCH 131I=ND 90SR=5.6	137CS=3.0E01	AM 51149002327913039761 12 29 67 6390054 K=1.6E00 89SR=5
NYALA NEVADA CASEYS RANCH 131I=ND 90SR=7.6	137CS=1.8E01	AM 51149002327913025524 07 20 67 8770071 K=1.41E00 89SR=0
NYALA NEVADA CASEYS RANCH 131I=ND 90SR=0.4	137CS=1.1E01	AM 51149002327913025669 08 24 67 7710071 K=1.73E00 89SR=6
NYALA NEVADA CASEYS RANCH 131I=ND 90SR=6.5	137CS=ND	AM 51149002327913034937 10 18 67 4330071 K=1.41E00 89SR=1
PAHRUMP NEVADA BOWMAN RANCH 131I=ND 90SR=2.2	137CS=ND	AM 51160202327913025430 07 07 67 4330169 K=1.12E00 89SR=0
PAHRUMP NEVADA BOWMAN RANCH 131I=ND 90SR=1.5	137CS=ND	AM 51160202327913025662 08 10 67 4330169 K=1.55E00 89SR=0
PAHRUMP NEVADA BOWMAN RANCH 131I=ND 90SR=1.1	137CS=ND	AM 51160202327913025821 09 12 67 9360169 K=1.23E00 89SR=0

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 1967-DEC 1967

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PAHRUMP NEVADA BOWMAN RANCH 131I=ND 90SR=0.0	137CS=ND	AM 51160202327913034414 10 04 67 4330169 K=1.11E00 89SR=3
PAHRUMP NEVADA BOWMAN RANCH 131I=ND 90SR=1.3	137CS=ND	PM 51160202327913037401 11 02 67 1310169 K=1.21E00 89SR=0
PAHRUMP NEVADA BOWMAN RANCH 131I=ND 90SR=0.0	137CS=ND	AM 51160202327913039253 12 11 67 2330169 K=1.1E00 89SR=3
SHOSHONE NEVADA KIRKEBY RANCH 131I=ND 90SR=7.5	137CS=1.6E01	51192500327913030474 07 26 67 003 K=1.63E00 89SR=3
SHOSHONE NEVADA KIRKEBY RANCH 131I=ND 90SR=5.3	137CS=ND	AM 51192500327913025915 09 24 67 0000003 K=1.41E00 89SR=0
SHOSHONE NEVADA KIRKEBY RANCH 131I=ND 90SR=5.3	137CS=ND	AM 51192500327913037658 11 12 67 4910003 K=1.53E00 89SR=0
SPRINGDALE NEVADA PEACOCK RANCH 131I=ND 90SR=2.1	137CS=10	AM 51196402327913025663 08 14 67 0300174 K=1.31E00 89SR=0
SPRINGDALE NEVADA PEACOCK RANCH 131I=ND 90SR=1.4	137CS=9.0E00	AM 52196402327913025745 09 01 67 2702174 K=1.50E00 89SR=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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NEVADA MILK -- JULY 1967-DEC 1967

COLLECTED

SPRINGDALE NEVADA PEACOCK RANCH 131I=ND 90SR=0.0	137CS=2.5E01	AM 51196402327913025801 09 12 67 4120174 K=1.64E00 89SR=4
SPRINGDALE NEVADA PEACOCK RANCH 131I=ND 90SR=2.3	137CS=26E00	AM 51196402327913034408 10 04 67 4130174 K=1.21E00 89SR=2
SPRINGDALE NEVADA PEACOCK RANCH 131I=ND 90SR=3.9	137CS=5.4E01	PM 51196402327913037410 11 01 67 4120174 K=1.50E00 89SR=1
SPRINGDALE NEVADA PEACOCK RANCH 131I=ND 90SR=1.5	137CS=1.0E01	AM 51196402327913037943 12 11 67 8770174 K=1.36E00 89SR=3
TONOPAH NEVADA PUMPING STATION RANCH 131I=ND 90SR=2.5	137CS=8.0E00	AM 51205502327913025466 07 13 67 8390003 K=1.58E00 89SR=0
TONORAH NEVADA PUMPING STATION RANCH 131I=ND 90SR=4.1	137CS=ND	AM 51205502327913025634 08 10 67 4310003 K=1.61E00 89SR=0
TONOPAH NEVADA PUMPING STATION RANCH 131I=ND 90SR=2.0	137CS=4.0E00	AM 52205502327913025680 09 01 67 4902003 K=1.36E00 89SR=1
TONOPAH NEVADA PUMPING STATION RANCH 131I=ND 90SR=2.8	137CS=1.1E01	AM 51205502327913025911 09 15 67 8390003 K=1.70E00 89SR=0

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 1967-DEC 1967

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TONOPAH NEVADA PUMPING STATION RANCH AM 51205502327913034518 10 05 67 8390003
 131I=ND 137CS=ND K=1.36E00 89SR=1
 90SR=3.4

WARM SPRINGS NEVADA TWIN SPRINGS RANCH AM 51230602327913037803 11 28 67 6790051
 131I=ND 137CS=9.E00 K=1.55E00 89SR=1
 90SR=4.0

WARM SPRINGS NEVADA TWIN SPRINGS RANCH AM 51230602327913039762 12 29 67 6390051
 131I=ND 137CS=3.3E01 K=1.7E00 89SR=2
 90SR=2.5

WELLS NEVADA WILLOW CREEK RANCH PM 51231600727913025779 08 29 67 7900121
 131I=ND 137CS=11.E00 K=1.66E00 89SR=1
 90SR=7.2

WELLS NEVADA WILLOW CREEK RANCH AM 51231600727913034880 10 18 67 6790121
 131I=ND 137CS=ND K=1.42E00 89SR=0
 90SR=4.0

WELLS NEVADA WILLOW CREEK RANCH PM 51231600727913037558 11 06 67 6790121
 131I=ND 137CS=ND K=1.36E00 89SR=2
 90SR=2.6

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,
 L(TOX) DENOTES A RESULT LESS THAN X.

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NEW MEXICO MILK - JULY 1967-DEC 1967

COLLECTED

ABIQUIU NEW MEXICO MONASTERY 131I=ND CHEM	137CS=ND	PM 54000503930713037066 10 23 67 4232211 K=1.68E00 NO
ABIQUIU NEW MEXICO MONASTERY 131I=ND 90SR=2.9	137CS=ND	AM 54001403930713025856 09 04 67 6792211 K=2.00E00 89SR=0
ALBUQUERQUE NEW MEXICO MCILHANEYS 131I=ND CHEM	137CS=ND	AM 54002000130712025576 07 31 67 6302004 K=1.44E00 NO
ALBUQUERQUE NEW MEXICO MCILHANEYS 131I=ND 90SR=4.1	137CS=ND	54002000130712025861 09 05 67 6392004 K=1.81E00 89SR=1
ALBUQUERQUE NEW MEXICO MCILHANEYS 131I=ND CHEM	137CS=ND	AM 54002000130712037064 10 24 67 8372004 K=1.40E00 NO
ALBUQUERQUE NEW MEXICO MCILHANEYS 131I=ND 90SR=5.0	137CS=ND	PM 54002000130712039595 12 13 67 6372004 K=1.6E00 89SR=0
BELEN NEW MEXICO JARELES RANCH 131I=ND 90SR=3.8	137CS=ND	PM 54005006130712025597 07 31 67 6302004 K=1.61E00 89SR=0
BELEN NEW MEXICO JARELES RANCH 131I=ND 90SR=1.8	137CS=ND	AM 54005006130712025840 09 05 67 5332004 K=1.51E00 89SR=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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NEW MEXICO MILK - JULY 1967-DEC 1967

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BELEN NEW MEXICO JARELES RANCH 131I=ND CHEM	137CS=ND	54005006130712037061 10 24 67 8392004 K=1.30E00 NO
BELEN NEW MEXICO GOODSONS DAIRY 131I=ND 90SR=2.3	137CS=ND	PM 54005006130712039592 12 13 67 6372004 K=1.3E00 89SR=0
BERNALILLO NEW MEXICO MT VIEW FARM 131I=ND 90SR=3.0	137CS=ND	AM 54006004330713025574 07 31 67 6302001 K=1.51E00 89SR=1
BERNALILLO NEW MEXICO RIDGE DAIRY 131I=ND 90SR=3.7	137CS=ND	PM 51006004330712025796 09 05 67 6392069 K=1.50E00 89SR=0
BERNALILLO NEW MEXICO RIDGE DAIRY 131I=ND CHEM	137CS=ND	54006004330712037065 10 24 67 6372069 K=1.45E00 NO
BERNALILLO NEW MEXICO RIDGE DAIRY 131I=ND 90SR=2.6	137CS=ND	AM 54006004330712039594 12 13 67 6372069 K=1.49E00 89SR=1
BERNALILLO NEW MEXICO MT VIEW FARM 131I=ND 90SR=5.4	137CS=ND	AM 54006004330713025839 09 05 67 6392073 K=1.32E00 89SR=0
BERNALILLO NEW MEXICO MT VIEW FARM 131I=ND CHEM	137CS=ND	PM 54006004330713037128 10 24 67 9392073 K=1.58E00 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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NEW MEXICO MILK - JULY 1967-DEC 1967

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BERNALILLO NEW MEXICO MT VIEW FARM 131I=ND 90SR=3.7	137CS=ND	PM 54006004330713039597 12 13 67 8362073 K=1.3E00 89SR=0
BLANCO NEW MEXICO PETTUS RANCH 131I=ND 90SR=2.8	137CS=ND	AM 54006504530713025602 07 31 67 2602451 K=1.46E00 89SR=3
CHAMA NEW MEXICO LOBO LODGE 131I=ND 90SR=9.0	137CS=ND	AM 51007503930713025659 08 07 67 2712006 K=1.44E00 89SR=1
CHAMA NEW MEXICO BLACK RANCH 131I=ND 90SR=18.4	137CS=2.6E01	AM 54007503930713025859 09 06 67 7902144 K=1.49E00 89SR=3
CHAMA NEW MEXICO BLACK RANCH 131I=ND CHEM	137CS=3.4E01	AM 54007503930713037129 10 23 67 8292144 K=1.34E00 NO
COYOTE NEW MEXICO CHALON RANCH 131I=ND 90SR=13.6	137CS=ND	AM 54009503930713025561 08 01 67 7302001 K=1.61E00 89SR=0
COYOTE NEW MEXICO DIEGO DE CHACON RAN 131I=ND 90SR=10.7	137CS=ND	AM 54009503930713025844 09 05 67 4332226 K=1.35E00 89SR=2
DULCE NEW MEXICO ERLE PETTINGILL RAN 131I=ND 90SR=8.5	137CS=ND	AM 54010503930713025567 08 01 67 2402319 K=1.70E00 89SR=0

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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DULCE NEW MEXICO ERLE PETTINGILL RANCHAR 54010503930713025851 09 05 67 1432319
 131I=ND 137CS=ND K=1.71E00 89SR=5
 90SR=9.1

DULCE NEW MEXICO ERLE PETTINGILL RANCH 54010403930713037127 10 23 67 6492319
 131I=ND 137CS=ND K=1.76E00 NO
 CHEM

ESPANOLA NEW MEXICO RANCHO LOS LAGUNAS AM 54010903930712025591 07 31 67 6302004
 131I=ND 137CS=ND K=1.55E00 89SR=0
 90SR=3.2

ESPANOLA NEW MEXICO RIO LAS LAGUNAS AM 54010903930712037068 10 23 67 8382007
 131I=ND 137CS=ND K=1.47E00 NO
 CHEM

FARMINGTON NEW MEXICO CREAMLAND DAIRY AM 54012004590712025598 07 31 67 0002101
 131I=ND 137CS=ND K=1.51E00 89SR=1
 90SR=4.6

FARMINGTON NEW MEXICO CREAMLAND DAIRY PM 54012004590712037037 10 24 67 0002101
 131I=ND 137CS=ND K=1.55E00 NO
 CHEM

LOS LUNAS NEW MEXICO JONES DAIRY PM 54021506130712025587 07 31 67 6302003
 131I=ND 137CS=ND K=1.52E00

LOS LUNAS NEW MEXICO JONES DAIRY PM 54021506130712025838 09 05 67 6392003
 131I=ND 137CS=ND K=1.40E00 89SR=5
 90SR=2.5

LOS LUNAS NEW MEXICO JONES DAIRY 54021506130712037070 10 24 67 8372003
 131I=ND 137CS=ND K=1.38E00 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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LOS LUNAS NEW MEXICO JONES DAIRY 131I=ND 90SR=3.6	137CS=ND	PM 54021506130712039596 K=1.2E00	12 13 67 6372003 89SR=0
NAMBE NEW MEXICO RANCHO LOS LAGUNOS 131I=ND 90SR=1.7	137CS=ND	PM 54023304930711039598 K=1.43E00	12 14 67 8372007 89SR=5
OJO CALIENTE NEW MEXICO PASTRO VERDE RAN 131I=ND 90SR=3.5	137CS=ND	54023505530713025583 K=1.54E00	07 31 67 7702001 89SR=1
OJO CALIENTE NEW MEXICO C LOWERY RANHAM 131I=ND 90SR=4.8	137CS=ND	54023505530713025867 K=1.41E00	09 05 67 8392288 89SR=1
REGINA NEW MEXICO RAY CARR RANCH 131I=ND 90SR=5.2	137CS=1.8E01	PM 54025504330713025571 K=1.94E00	07 30 67 6002007 89SR=1
REGINA NEW MEXICO RAY CARR RANCH 131I=ND 90SR=3.0	137CS=ND	PM 54025504330713025843 K=1.78E00	09 04 67 6792007 89SR=5
REGINA NEW MEXICO RAY CARR RANCH 131I=ND CHEM	137CS=ND	54025504330713037072 K=1.47E00	10 24 67 6372007 NO
SANTA FE NEW MEXICO DE LOS LAGUNOS 131I=ND 90SR=3.0	137CS=ND	AM 54027004930712025863 K=1.35E00	09 05 67 6392007 89SR=0

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,
 LTX) DENOTES A RESULT LESS THAN X.

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TIERRA AMARILLA NEW MEXICO US POST OFF 131I=ND 90SR=11.0	137CS=ND	54030203930713025593 08 01 67 2202005 K=1.60E00 89SR=4
TIERRA AMARILLA NEW MEXICO MANZANARES AM 131I=ND 90SR=7.5	137CS=ND	51030203930713025795 09 05 67 6292173 K=1.67E00 89SR=5
TIERRA AMARILLA NEW MEXICO MANZANARES 131I=ND 90SR=7.1	137CS=ND	54030403930713037058 10 23 67 2232173 K=1.53E00 89SR=3
TRES PIEDRAS NEW MEXICO MAYO RANCH 131I=ND CHEM	137CS=ND	AM 54030505530713025575 07 31 67 6302002 K=1.73E00 NO
TRES PIEDRAS NEW MEXICO MAYO RANCH 131I=ND 90SR=6.5	137CS=1.3E01	AM 54030505530713025870 09 05 67 9392118 K=1.67E00 89SR=4
TRES PIEDRAS NEW MEXICO MAYO RANCH 131I=ND CHEM	137CS=ND	54030705530712037216 10 25 67 4912118 K=1.56E00 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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OREGON MILK - JULY 1967-DEC 1967

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ALBANY OREGON SNOW PEAK DAIRY 1311=ND 90SR=6.1	137CS=2.0E01	PM 56001004336912037466 11 01 67 0002364 K=1.55E00 89SR=3
ASTORIA OREGON MAYFLOWER FARMS 1311=ND 90SR=12.5	137CS=2.7E01	AM 56004000736912037266 10 31 67 0002361 K=1.49E00 89SR=1
BEND OREGON GREEN ACRES DAIRY INC 1311=ND 90SR=4.9	137CS=ND	AM 56008001736912037271 10 31 67 0002370 K=1.50E00 89SR=1
COOS BAY OREGON BROOKMEAD DAIRY 1311=ND 90SR=8.4	137CS=ND	AM 56011001136912037365 10 29 67 0002372 K=1.40E00 89SR=0
CORVALLIS OREGON OSU DAIRY PROD LAB 1311=ND 90SR=3.5	137CS=ND	AM 56013000336912037242 10 30 67 0002365 K=1.54E00 89SR=1
CORVALLIS OREGON SUNNYBROOK DAIRY 1311=ND 90SR=4.0	137CS=ND	AM 56013000336912037240 10 29 67 0002366 K=1.41E00 89SR=2
EUGENE OREGON EUGENE FARMERS CREAMERY 1311=ND 90SR=3.4	137CS=ND	AM 56018003936912037269 10 31 67 0002367 K=1.51E00 89SR=1
EUGENE OREGON ECHO SPRINGS 1311=ND 90SR=5.0	137CS=2.5E01	AM 56018003936912037241 10 30 67 0002368 K=1.51E00 89SR=0

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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OREGON MILK - JULY 1967-DEC 1967

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GRANTS PASS OREGON ARDEN FARMS CO. 131I=ND 90SR=7.1	137CS=ND	PM 56022003336912037267 10 31 67 0002375 K=1.64E00 89SR=2
HERMISTON OREGON MAYFLOWER FARMS 131I=ND 90SR=4.2	137CS=ND	AM 56025005936912037272 10 31 67 0002379 K=1.44E00 89SR=1
KLAMATH FALLS OREGON KLAMATH FALLS CRI 131I=ND 90SR=3.0	137CS=1.3E01	PM 56029003536912037238 10 29 67 0002377 K=1.46E00 89SR=3
MEDFORD OREGON JORGENSENS DAIRY 131I=ND 90SR=3.5	137CS=3.6E01	PM 56034002936912037364 11 01 67 0002376 K=1.52E00 89SR=0
REDMOND OREGON KILGORE DAIRY CO. 131I=ND 90SR=3.6	137CS=ND	AM 56048001736912037270 10 31 67 0002369 K=1.42E00 89SR=1
ROSEBURG OREGON UMPQUA DAIRY 131I=ND 90SR=3.0	137CS=ND	PM 56049501936912037239 10 30 67 0002373 K=1.41E00 89SR=2
SALEM OREGON CURLYS DAIRY 131I=ND 90SR=5.2	137CS=1.8E01	PM 56050005336912037268 10 31 67 0002363 K=1.51E00 89SR=1

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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CEDAR CITY UTAH MEADOW GOLD DAIRY 1311=ND 90SR=7.4	137CS=8.0E00	AM 51031102143812025526 07 10 67 0002267 K=1.52E00	89SR=0
GARRISON UTAH GONDERS RANCH 1311=ND 90SR=3.7	137CS=1.3E01	AM 51070602743813025776 08 25 67 1900006 K=1.68E00	89SR=3
GARRISON UTAH GONDERS RANCH 1311=ND 90SR=4.3	137CS=ND	AM 51070602743813025919 09 18 67 1900006 K=1.52E00	89SR=0
GARRISON UTAH GONDERS RANCH 1311=ND 90SR=6.2	137CS=ND	AM 51070602743813034862 10 11 67 4910006 K=1.80E00	89SR=0
MINERSVILLE UTAH MINERSVILLE DRY ASSN 1311=ND 90SR=5.5	137CS=9.0E00	AM 56133600143812025463 07 11 67 0002266 K=1.56E00	89SR=0
MT PLEASANT UTAH BROOKLAWN CREAMERY 1311=ND 90SR=6.4	137CS=1.1E01	56135803943812025454 07 10 67 0002264 K=1.55E00	89SR=2
NEW CASTLE UTAH NEW CASTLE DAIRY 1311=ND 90SR=3.6	137CS=8.0E00	AM 51141802143812025459 07 11 67 6490001 K=1.58E00	89SR=0
NEW CASTLE UTAH NEW CASTLE DAIRY 1311=ND 90SR=2.8	137CS=ND	AM 51141802143812025629 08 08 67 6470001 K=1.59E00	89SR=0

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=ND 90SR=1.9	137CS=ND	AM 51141802143812025825 09 12 67 4120001 K=1.30E00 89SR=1
NEW CASTLE UTAH NEW CASTLE DAIRY 131I=ND 90SR=3.3	137CS=ND	AM 51141802143812034474 10 05 67 4120001 K=1.45E00 89SR=1
NEWCASTLE UTAH NEWCASTLE DAIRY 131I=ND 90SR=4.0	137CS=1.3E01	AM 51141802143812037356 11 02 67 1730001 K=1.46E00 89SR=0
NEW CASTLE UTAH NEW CASTLE DAIRY 131I=ND 90SR=2.0	137CS=ND	PM 51141802143812037984 12 12 67 1730001 K=1.46E00 89SR=2
OGDEN UTAH MAPLE LEAF DAIRY 131I=ND 90SR=9.6	137CS=1.3E01	AM 56152105743812025462 07 10 67 0002262 K=1.41E00 89SR=3
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=3.9	137CS=ND	51190005343812030255 07 07 67 6464001 K=1.57E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=3.3	137CS=ND	51190005343812030355 07 14 67 6464001 K=1.45E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=4.8	137CS=ND	51190005343812030443 07 21 67 6464001 K=1.47E00 89SR=0

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 COX DAIRY 131I=ND 90SR=4.5	137CS=ND	51190005343812030490 07 28 67 6464001 K=1.52E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=4.9	137CS=ND	AM 51190005343812030578 08 04 67 5490001 K=1.53E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=3.6	137CS=ND	51190005343812030641 08 11 67 6464001 K=1.59E00 89SR=2
ST GEORGE UTAH COX DAIRY 131I=ND	137CS=ND	AM 51190005343812030823 08 18 67 6464001 K=1.56E00.89SR=0 90SR=5.7
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.1	137CS=ND	PM 51190005343812032096 08 25 67 6464001 K=1.37E00 89SR=3
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=1.7	137CS=ND	51190005343812032233 09 01 67 6464001 K=1.58E00 89SR=5
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=3.5	137CS=ND	51190005343812032392 09 08 67 6464001 K=1.49E00 89SR=1
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.1	137CS=ND	51190005343812032593 09 15 67 6464001 K=1.48E00 89SR=2
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=3.7	137CS=ND	AM 51190005343812025913 09 22 67 8400001 K=1.49E00 89SR=0

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 COX DAIRY 131I=ND 90SR=2.6	137CS=ND	51190005343812034268 09 29 67 6464001 K=1.54E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=6.5	137CS=ND	AM 51190005343912034545 10 06 67 5490001 K=1.34E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=4.2	137CS=ND	PM 51190005343812034745 10 13 67 6464001 K=1.24E00 89SR=1
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.9	137CS=ND	AM 51190005343812034913 10 20 67 6464001 K=1.40E00 89SR=2
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.9	137CS=ND	AM 51190005343812037135 10 27 67 6464001 K=1.49E00 89SR=2
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=1.8	137CS=ND	AM 51190005343812037465 11 03 67 6490001 K=1.29E00 89SR=1
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=4.0	137CS=ND	AM 51190005343812037599 11 10 67 6490001 K=1.39E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.7	137CS=1.4E01	AM 51190005343812037721 11 17 67 6490001 K=1.56E00 89SR=0

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 COX DAIRY 131I=ND 90SR=3.5	137CS=ND	AM 51190005343812037780 11 24 67 6490001 K=1.42E00 89SR=0
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.0	137CS=ND	AM 51190005343812037858 12 01 67 6490001 K=1.5E00 89SR=1
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=1.4	137CS=ND	AM 51190005343812037928 12 08 67 6490001 K=1.46E00 89SR=2
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=0.0	137CS=ND	PM 51190005343812039236 12 15 67 6490001 K=1.4E00 89SR=7
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.7	137CS=1.5E01	AM 51190005343812039681 12 22 67 6490001 K=1.4E00 89SR=1
ST GEORGE UTAH COX DAIRY 131I=ND 90SR=2.2	137CS=ND	PM 51190005343812039779 12 29 67 6490001 K=1.5E00 89SR=0

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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