SWRHL-37r

5241

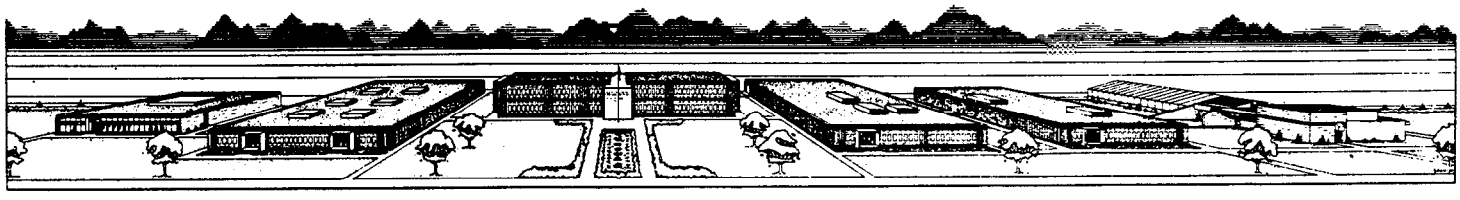
OFF-SITE SURVEILLANCE ACTIVITIES OF THE SOUTHWESTERN RADIOLOGICAL HEALTH LABORATORY
from January through June 1966

by the
Southwestern Radiological Health Laboratory

U. S. Department of Health, Education, and Welfare
Public Health Service
Environmental Health Service

January 1970

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



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Consumer Protection and Environmental Health Service
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Bureau of Radiological Health

January 1970

Copy No. 20

D. W. Hendricks
AEC/NVOO
Las Vegas, Nevada

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ABSTRACT

The Southwestern Radiological Health Laboratory of the Public Health Service performed off-site radiological surveillance for twenty-nine announced events and nine reactor experiments during the period from January through June 1966. This surveillance is conducted in the public areas surrounding the Nevada Test Site under a Memorandum of Understanding with the U. S. Atomic Energy Commission.

During the six month period, three announced nuclear events and six reactor experiments released radioactivity which was detected off-site.

Analysis of all sampling and surveillance performed 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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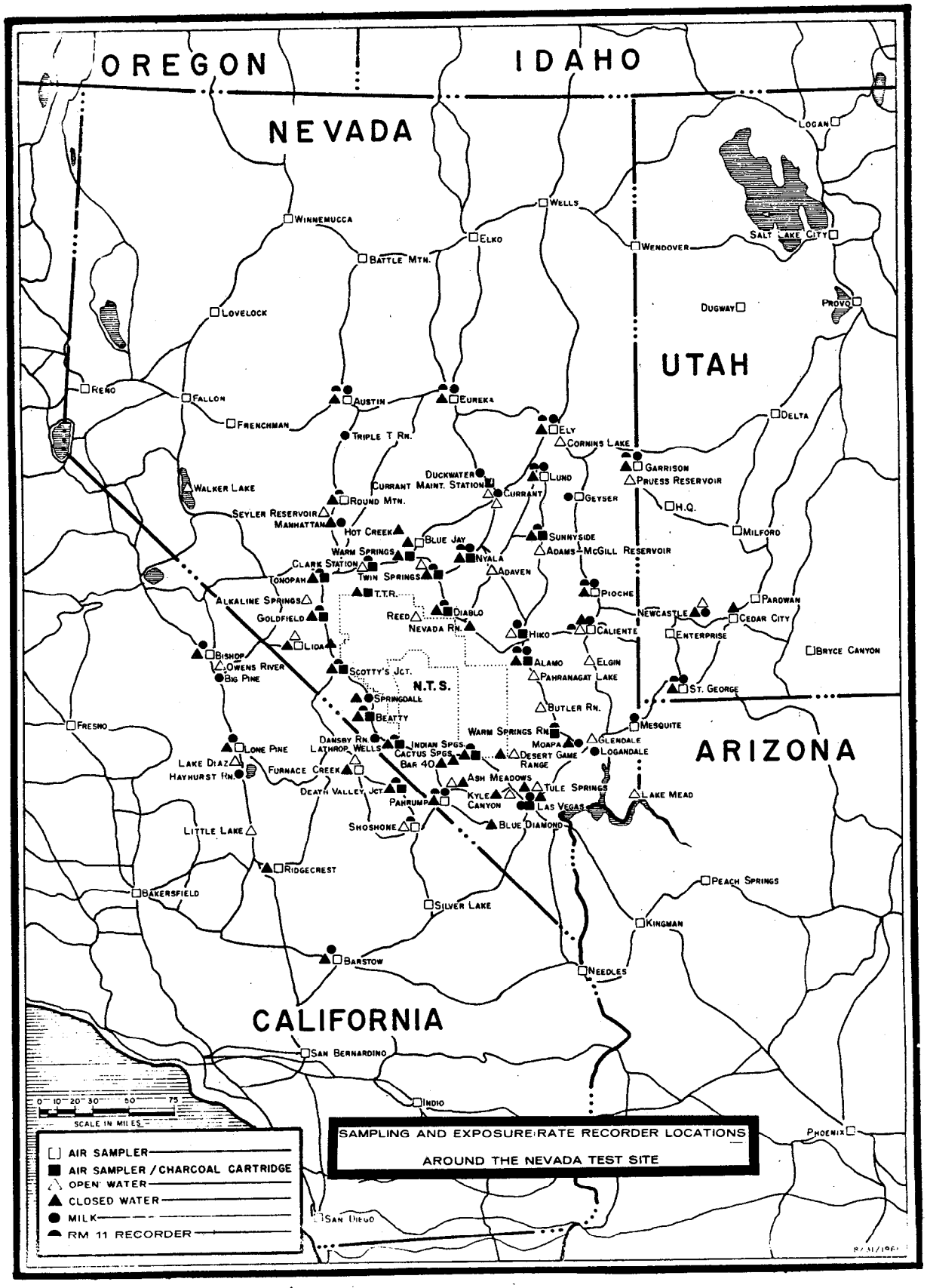
I. INTRODUCTION

During the period January through June 1966, twenty-nine announced underground nuclear tests were conducted by the U. S. Atomic Energy Commission at their Nevada Test Site as a part of Operation Flintlock. In addition, five full-power and four low-power reactor experiments were conducted at the Nuclear Rocket Development Station. The U. S. Public Health Service carried out a program of radiological surveillance of the public areas off-site for the Operational Safety Division of the AEC's Nevada Operations Office under a Memorandum of Understanding between the U. S. Atomic Energy Commission (AEC) and the Public Health Service (PHS).

The Southwestern Radiological Health Laboratory (SWRHL) conducted its program of radiological monitoring and environmental sampling in the off-site areas surrounding the restricted area enclosed within the Nevada Test Site and the Nellis Air Force Range. This overall complex of the Nevada Test Site (NTS) and the Nellis Air Force Range includes the Nuclear Rocket Development Station (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 around the test range complex, surveillance was extended as necessary to provide adequate coverage.

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


OREGON
IDAHO
NEVADA
UTAH
ARIZONA
CALIFORNIA
N.T.S.
Logan
Wells
Winnemucca
Elko
Wendover
Salt Lake City
Battle Mtn.
Dugway
Provo
Lovelock
Reno
Fallon
Austin
Eureka
Delta
Frenchman
Triple T Rn.
Ely
Cornins Lake
Garrison
Pruess Reservoir
Walker Lake
Duckwater
Currant Maint. Station
Currant
Lund
Geyser
H.Q.
Round Mtn.
Seyler Reservoir
Manhattan
Hot Creek
Blue Jay
Sunnyside
Adams-McGill Reservoir
Milford
Warm Springs
Nyala
Clark Station
Twin Springs
Adaven
Tonopah
T.T.R.
Pioche
Parowan
Alkaline Springs
Goldfield
Reed
Diablo
Nevada Rn.
Hiko
Newcastle
Cedar City
Caliente
Enterprise
Bryce Canyon
Bishop
Owens River
Big Pine
Lida
Scotty's Jct.
Alamo
Elgin
Pahranagat Lake
St. George
Springdale
Beatty
Butler Rn.
Fresno
Warm Springs Rn.
Mesquite
Lone Pine
Dansby Rn.
Lathrop Wells
Indian Spgs.
Cactus Spgs.
Bar 40
Moapa
Glendale
Logandale
Desert Game Range
Lake Diaz
Hayhurst Rn.
Furnace Creek
Ash Meadows
Tule Springs
Lake Mead
Death Valley Jct.
Pahrump
Kyle Canyon
Las Vegas
Shoshone
Blue Diamond
Little Lake
Ridgecrest
Peach Springs
Bakersfield
Silver Lake
Kingman
Barstow
Needles
San Bernardino
Indio
Phoenix
San Diego
0 10 20 30 50 75
SCALE IN MILES
AIR SAMPLER
AIR SAMPLER / CHARCOAL CARTRIDGE
OPEN WATER
CLOSED WATER
MILK
RM 11 RECORDER
SAMPLING AND EXPOSURE RATE RECORDER LOCATIONS
AROUND THE NEVADA TEST SITE

II. OPERATIONAL PROCEDURES

A. Ground Monitoring

Mobile monitoring teams were deployed in the off-site area before each event to locations most likely to be affected by a release of radioactive material. If a release did occur, the teams conducted a ground monitoring program directed from Control Point headquarters on two-way radio communications. Ground monitoring continued until activity levels became too low to necessitate further monitoring.

Each monitor was equipped with an Eberline E-500B, a Precision Model 111 Standard "Scintillator", and a Victoreen Radector Model No. AGB-50B-SR. The Eberline E-500B has a range of 0 to 200 milliroentgens per hour (mR/hr) beta-gamma detection in four scales with an external halogen filled GM tube and a 0 to 2000 mR/hr range gamma detection from an internal Anton 302 GM tube. The Precision Model 111 Standard "Scintillator" was used primarily for low level detection since it provides a range of 0 to 5 mR/hr in six scales. The Radector has a range of 0.05 to 50,000 mR/hr over two logarithmic scales. This instrument has an inert gas ionization chamber as the detector. These instruments are accurate to $\pm$ 20% as calibrated with ^{137}Cs, and readings can be taken to two significant figures.

B. Exposure Rate Recorders

To supplement the ground monitoring program, Eberline RM-11 exposure rate recorders were utilized to document cloud passage at

fixed locations, thereby allowing mobile monitoring teams to continue following any 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 0.01 to 100 mR/hr range and are accurate to ± 20%. Gamma exposure rate is recorded on a 30-hour strip chart.

C. Aerial Cloud Tracking

An Air Force U3-A aircraft with pilot and two Public Health Service monitors equipped with portable instruments identical to those of the ground monitors, tracked the airborne radioactivity to aid in positioning ground monitors. Public Health Service cloud sampling aircraft were also used as aids in cloud tracking. However, their primary purpose was cloud sampling in order to determine cloud size and inventory. The results of their sampling are reported separately.

D. Air Sampling

During this six-month period the SWRHL Air Surveillance Network consisted of 106 stations operating in every state west of the Mississippi except Montana and North Dakota. The air sampler used in the Air Surveillance Network is a Gelman "Tempest" which consists of a Gast Model 1550 vacuum pump driven by a General Electric 1/2 horsepower motor. The pump runs at 1440 rpm with an average flow rate of approximately 10 cfm. The sampler is equipped to use a 4-inch diameter Whatman 541 filter paper and an MSA 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 20 sources were routinely sampled during this period, generally on a monthly basis. A total of 135 samples was collected from these locations. In the event of cloud passage over a specific area, intensified sampling within the area was conducted to document changes in activity.

Water samples were collected on a routine basis, unless circumstances dictated special source sampling. Both potable and non-potable water supplies were sampled. During this period 358 water samples were collected from 76 sources. Most of these sources were sampled on a monthly basis.

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.

G. Film Badges

Approximately 150 residents in the off-site area wore film badges throughout this period. These film badges were changed each month and were processed by the Radiological Sciences Department of Reynolds Electrical and Engineering Company, Inc. Approximately 1900 station badges were also utilized to provide more complete coverage. The badge used is made of Du Pont type 555 film. Dose, 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. In addition, approximately 20 stations were each equipped with three EG&G Model TL-12 Thermoluminescent Dosimeters (TLD). 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 10mR 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 Public Health Service with respect to the programs of the Atomic Energy Commission. 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 people volunteered to wear film badges.

I. Medical and Veterinarian Services

A Public Health Service 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 brought to the attention of the PHS. Veterinarian services were also provided. Public Health Service veterinarians maintained liaison with livestock producers in the area and the program of wildlife and cattle investigation was continued. Semi-annual 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.

J. Bioenvironmental Research

Another program of the Southwestern Radiological Health Laboratory is bioenvironmental research. The mission of this program, in part, is to investigate the inter-relationships among the levels of radionuclide contamination of air, soil, water, vegetation and milk.

III. ANALYTICAL PROCEDURES

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

Air sample prefilters were counted for gross beta activity in a Beckman "Wide Beta" low background (6 $\pm$ 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 isotopes by placing them directly on a 4- by 4-inch NaI(Tl) crystal coupled to a TMC Model 404C gamma pulse height analyzer viewing energies from 0 to 2 MeV.

Detection capability of the system as shown in Table 1 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. MSA charcoal collects gaseous fission products only (primarily iodines).

d. Analysis is performed using an eight isotope matrix. If other isotopes 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 1. Threshold detectability at time of count of several radionuclides in various samples (95% confidence level).

Sample Type	^{131}I	^{132}Te-I	^{133}I	^{135}I	^{140}Ba-La	Length of Count	Notes
Whatman No.541	500	1000	500	1000	500	10 min.	1
(pCi)	200	--	200	--	200	10 min.	2
MSA Charcoal	200	400	200	400	200	10 min.	1
(pCi)	100	--	100	--	100	10 min.	2
3.5 liter water* (pCi/l)	20	40-50	20-30	40-50	20	40 min.	4
3.5 liter milk* (pCi/l)	20		20-30		20	40 min.	3

*Counted in 3.5 liter inverted well (Marinelli) aluminum beakers.
1 - counted at less than 3 days after formation.
2 - counted at 3 days or more after formation.
3 - with $^{137}Cs \leq 100$ pCi/l.
4 - assuming insignificant amounts of other nuclides, and all given isotopes at about detection limits to approximately 10 times the lower limit.

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 isotopes present in a milk sample to relatively few. Under normal sampling procedures, this discrimination coupled with the short physical half-life

will tend to eliminate ^{132}I and ^{135}I 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 isotopes. 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 trichloroacetic acid precipitation. 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 2-inch diameter stainless steel planchet and counting the beta activity in a low background counter.

IV. RESULTS

A. Underground Tests

Three of the twenty-nine announced underground nuclear tests resulted in releases of radioactive effluent which was detected in off-site populated areas. These were the Red Hot Event, conducted on March 5; the Pin Stripe Event, conducted on April 25; and the Double Play Event, conducted on June 15.

1. Red Hot

The Red Hot Event was conducted at the Nevada Test Site on March 5, 1966 at 1015 hours PST. Venting occurred shortly after detonation and seepage continued for several hours. Winds on shot day were light and variable, moving the radioactive effluent very slowly to the north-northeast. By the time the cloud had penetrated into the off-site populated areas, it was diffused over a large area and most of the very short-lived isotopes were not detected.

Small, but detectable, amounts of radioiodines were found on filters collected at thirteen off-site air sampling stations. These stations are located both north and south of the test range complex. Since radioiodines were found on filters as late as March 7, 1966, and since a wide area was affected, it is assumed that seepage of gaseous fission products continued for some time after the event and that wind directions during this time varied considerably. The

maximum activity on a filter medium was found at Lathrop Wells, Nevada. Table 2 shows the activity at each station where fresh fission products were detected.

Six milk samples and three water samples collected following this event contained no fresh fission products. Film badges and TLD's did not indicate exposures that could be attributed to the Red Hot Event. Twenty-seven vegetation samples were collected off-site following this event. Only one sample, collected at Battle Mountain, Nevada, on March 7, showed the presence of fresh fission products (^{131}I and ^{133}I). Ground monitoring personnel were unable to detect any gamma exposure rates above background.

2. Pin Stripe

The Pin Stripe Event was detonated at 1138 hours PDT on April 25, 1966, at the Nevada Test Site. Radioactive effluent was accidently released. A cloud rise of about 5500 feet occurred within 9 minutes after H-hour, and by H + 1 hour, the cloud had risen to about 10,500 feet mean sea level. Southwesterly winds carried the radioactive effluent northeast into the off-site area. Seepage of gaseous effluent continued for several days following this event. The wind direction shifted approximately 180° by April 27 and small amounts (less than 10 pCi/m^3) of fresh fission products were found on air sampling filters as far south as Indio, California. By May 4 all air sampling filters were at background levels.

Pin Stripe effluent was first detected off-site by ground monitors, just northeast of NTS at 1355 hours and at Highway 25, 6.5 miles W of Hancock Summit at 1435. By 1630 hours, gamma exposure rates above background were detected from Coyote Summit on Highway 25

Table 2. Air sampling results for the Red Hot Event, March 1966.

Location	Sampling Period Start Day	Hr	Stop Day	Hr	Total Time (Hr)	Collection Sample Volume (m^3)	Col-lector	Beta Activity (pCi/m^3)	Beta Exposure ($pCi\text{-}hr/m^3$)	Results ^{131}I pCi/m^3	^{131}I $pCi\text{-}hr/m^3$	^{133}I pCi/m^3	^{133}I $pCi\text{-}hr/m^3$	^{135}I pCi/m^3	^{135}I $pCi\text{-}hr/m^3$
Battle Mtn., Nev.	06	1635	07	0645	14.2	318	P	0.055	0.8	ND	ND	ND	ND	ND	ND
						318	C			0.56	8.0	0.9	13	0.74	11
Beatty, Nev.	05	0748	06	0805	24.3	478	P	0.31	7.5	ND	ND	ND	ND	ND	ND
						478	C			1.93	47	15.0	360	6.95	170
Beatty, Nev.	06	0810	07	0810	24.0	474	P	0.096	2.3	0.46	11	ND	ND	ND	ND
						474	C			3.74	90	15.0	360	3.67	88
18 mi W of Clark Stn on US6(unpop.)	05	2055	06	0810	11.25	152	P	0.41	4.6	1.25	14	ND	ND	ND	ND
						152	C			6.22	70	31.4	350	79.5	890
Clark Station, Nev.	06	0730	07	0730	24.0	476	P	0.17	4.1	ND	ND	ND	ND	ND	ND
						476	C			1.02	24	5.37	130	ND	ND
Goldfield, Nev.	05	0800	06	0800	24.0	472	P	0.088	2.1	ND	ND	ND	ND	ND	ND
						472	C			0.96	23	3.5	84	3.0	72
Elko, Nev.	06	1927	07	0645	11.3	217	P	0.69	7.8	ND	ND	ND	ND	ND	ND
						217	C			ND	ND	3.59	41	1.68	19
Lathrop Wells, Nev.	05	0635	06	1130	28.9	595	P	0.059	1.7	ND	ND	0.31	0.31	ND	ND
						595	C			18.5	540	80.8	2300	50.9	1500
Lathrop Wells, Nev.	06	1130	07	1255	25.4	513	P	0.049	1.2	ND	ND	ND	ND	ND	ND
						513	C			1.33	34	3.64	92	0.79	20
Pahrump, Nev.	06	1001	07	1000	24.0	472	P	0.065	1.6	1.4	34	6.4	150	ND	ND
						480				NO CHARCOAL CARTRIDGE					
Scotty's Jct., Nev.	05	1700	06	1105	18.2	354	P	0.066	1.2	0.53	9.6	ND	ND	ND	ND
						354	C			2.63	48	9.75	180	6.74	120
Scotty's Jct., Nev.	06	1105	07	1700	29.8	573	P	0.11	3.3	ND	ND	ND	ND	ND	ND
						573	C			0.81	24	3.7	110	ND	ND
Tonopah, Nev.	05	1700	06	0830	15.5	289	P	0.15	2.3	ND	ND	0.64	9.9	ND	ND
						289	C			8.44	130	36.8	570	29.4	460
Tonopah, Nev.	06	0830	07	1540	31.17	566		0.11	3.4	NO GAMMA SCAN					
						566	C			1.94	60	8.79	270	ND	ND
Death Valley Jct., Cal.	05	0700	06	0700	24.0	485	P	0.07	1.7	ND	ND	ND	ND	ND	ND
						485	C			ND	ND	0.52	12	ND	ND
Death Valley Jct., Cal.	06	0700	07	0645	23.8	479		0.11	2.6	NO GAMMA SCAN					
						479	C			2.18	52	11.8	280	ND	ND
Twin Falls, Idaho	06*	0900	07	0830	23.5 PF	451	P	0.11	2.6	ND	ND	ND	ND	ND	ND
					9.5 CC	265	C			0.88	8.4	ND	ND	ND	ND
Worland, Wyoming	06	2110	07	1745	20.6	410	P	0.088	1.8	ND	ND	ND	ND	ND	ND
						410	C			0.41	8.4	ND	ND	ND	ND

P - Prefilter
C - Charcoal cartridge

*Charcoal cartridge on 3/06-2300 off 3/07-0830.

to Alamo, Nevada. Cloud arrival at various locations indicate the cloud was moving at about 15 - 17 miles per hour. The furthest north that effluent was detected by a ground monitor was at Pioche, 112 miles northeast of ground zero. The cloud reached this location at about 1800 hours. Gamma exposure rates along Highway 25 ranged from 0.07 to 6.0 mR/hr with the majority of the readings around 1.0 mR/hr. The maximum reading at a populated area was 1.5 mR/hr at Hiko at 1600 hours PDT.

RM-11 recorder charts collected after the Pin Stripe Event showed gamma exposure rates above background at Alamo, Caliente and Pioche. Only one film badge collected after the Pin Stripe Event showed an exposure above the detection limit. This badge was taken from a film badge station at Hancock Summit, an unpopulated location on Highway 25. This badge showed a total exposure of 30 mR and was exposed from March 31 to May 10; however, this exposure is questionable because thermoluminescent dosimeters from Hancock Summit showed no detectable exposures above normal background levels, nor did TLD's from any other location show net exposures above background. No personnel badges showed exposures above the detection limit.

Nineteen permanent air sampling stations and five temporary portable stations in the off-site area showed detectable amounts of fresh fission products (primarily radioiodines) on prefilters, cartridges, or both. The area in which fresh fission products were found by air

sampling extended to Indio, California on the south, Ridgecrest, California on the west, Salt Lake City, Utah to the northeast, and Denver, Colorado to the east.

Wind direction on the day of the event was from the southwest; therefore, the highest concentrations were found to the northeast of ground zero. Comparison of radioiodine concentration on prefilters and charcoal cartridges suggests that the radioiodines were mostly particulate.

Wind direction changed approximately 180^{o} late on April 26 or early on April 27. Seepage of gaseous material from surface zero continued for several days. This material was carried to the south and was detected by air samplers as far south as Indio, California. A small amount (0.5 pCi/m^3) of ^{131}I was detected on a charcoal cartridge collected at Alamo, Nevada as late as May 3. Examination of air filters was limited to gamma pulse height analysis and gross beta counting. It is not possible, therefore, to definitely determine whether such a small amount of radioiodine was gaseous material from continuing seepage or resuspension of particulate material deposited earlier. By May 4 no stations showed detectable amounts of fresh fission products.

Table 3 lists eight stations where concentrations of ^{131}I were in excess of 50 pCi/m^3. Filter results from all other stations, where gamma pulse height analysis was done on filters, were below 10 pCi/m^3 ^{131}I.

A total of 187 water samples was collected for the Pin Stripe surveillance. Two samples from one domestic tap showed measurable concentrations of ^{131}I.

Table 3. Air sampling stations with concentrations of ^{131}I in excess of 50 pCi/m^3 on prefilters, Pin Stripe Event, April 1966.

Location	Collection: Sampling Period Start Day	Hr	Stop Day	Hr	Total Time (Hr)	Sample Volume (m^3)	Col-lector	Beta Activity (pCi/m^3)	Beta Exposure (pCi-hr/m^3)	Results: ^{131}I pCi/m^3	^{131}I pCi-hr/m^3	^{132}I pCi/m^3	^{132}I pCi-hr/m^3	^{133}I pCi/m^3	^{133}I pCi-hr/m^3	^{135}I pCi/m^3	^{135}I pCi-hr/m^3
6.5 mi W Hancock Summit	25	1413	25	1700	2.8	26	P	50,000	140,000	3,500	9,700	12,000	34,000	4,100	11,000	19,000	53,000
							C			150	420	1,200	3,400	500	1,400	7,800	22,000
18 mi NE Groom Lake	25	1400	25	1535	1.6	32	P	45,000	72,000	5,100	8,200	38,000	61,000	12,000	19,000	78,000	120,000
							C			290	460	2,600	4,200	880	1,400	16,000	26,000
Hancock Summit	25	1435	25	1745	3.1	32	P	34,000	110,000	2,600	8,100	8,900	28,000	3,000	9,300	17,000	53,000
							C			170	530	1,500	4,600	660	2,000	10,000	31,000
Ash Springs, Nevada	25	1430	25	1755	3.4	35	P	25,000	85,000	5,300	18,000	18,000	61,000	5,600	19,000	32,000	110,000
							C			130	430	950	3,200	290	990	6,300	21,000
Hiko-Crystal Springs	25	1430	25	1810	3.7	35	P	21,000	78,000	1,600	5,900	6,800	25,000	1,900	7,000	10,000	37,000
							C			400	1,500	1,200	4,400	800	3,000	7,000	26,000
Hiko, Nevada	25	0810	25	1800	10.9	226	P	3,500	38,000	510	5,600	1,900	21,000	650	7,100	3,600	39,000
							C			39	430	330	3,600	150	1,600	1,700	19,000
Pioche, Nevada	25	1525	25	1925	3.9	81	P	2,200	9,000	1,100	4,300	200	800	350	1,400	ND	ND
							C			53	210	40	160	250	970	600	2,300
Alamo, Nevada	25	0730	26	0725	23.8	407	P	710	17,000	57	1,400	140	3,300	110	2,600	220	5,200
							C			19	450	86	2,000	75	1,800	100	2,400

P - Whatman 541 Filter (prefilter)
C - MSA Charcoal cartridge
Gross beta and radionuclide data extrapolated to end of collection period
$\frac{\text{pCi-Hr}}{\text{m}^3}$ was computed using the actual sampling time, which in some cases will differ from the total time between time on and time off, which may be only approximate.

These samples were taken from a domestic dwelling, the Davis Ranch at Hiko. The ^{131}I was due to the completely open supply from which the domestic water is taken.

Five hundred and seventy-one vegetation samples from 123 locations were collected and analyzed for gamma emitting isotopes. Of these, fresh fission products were found at 95 separate locations.

Six hundred and fifty-five milk samples from 80 separate dairies, processing plants, or individual ranches, were collected for the Pin Stripe Event. All milk samples were analyzed for gamma emitting isotopes and selected samples were analyzed for ^{89}Sr and ^{90}Sr. Of the 650 samples with complete gamma information, 187 contained detectable amounts of ^{131}I. The maximum concentration of ^{131}I was found in a sample from the Schofield Dairy at Hiko, Nevada. This sample had a concentration of 4800 pCi/l and was collected April 27, 1966. Four other locations had peak ^{131}I concentrations above 1000 pCi/l. These were the L. Lee Dairy at Alamo (1400 pCi/l); the Sharp Ranch at Alamo (2100 pCi/l); the Davis Ranch at Hiko (3500 pCi/l); and the Donahue Ranch at Ursine (1100 pCi/l). By the second day after the event, several factors had modified the normal disposition of milk from the five locations mentioned above. All the milk being produced by family cows at the Davis, Donahue, and Sharp Ranches was taken for sampling purposes. Uncontaminated milk and dairy products were substituted in lieu of cash payments. At the Schofield Dairy at Hiko, stored hay from

Utah was purchased by the Government and substituted for the green chop being fed at that time.

Milk from the L. Lee Dairy and the Schofield Dairy was diluted with uncontaminated milk from dairies outside the affected areas. Sampling of milk from the tank truck at the processing plant showed a maximum of 100 pCi/l ^{131}I. Milk collected at the retail outlets from this processing plant showed no detectable radioiodines. Table 4 lists milk samples with the highest ^{131}I concentrations from each location sampled. Appendix A lists the results of all milk samples collected for this event.

The decision to substitute dry hay was prompted by vegetation sampling of green alfalfa feed from the Schofield Dairy. By 0300 on the morning of April 26, results from gamma analysis of these samples indicated the possibility of ^{131}I levels in milk reaching 5×10^4 pCi/l. AEC-PHS officials decided to substitute dry hay to keep radioiodine levels as low as possible, and to provide experimental information under actual field conditions for future planning purposes.

The Pin Stripe Event provided the first opportunity to use the SWRHL thyroid dose assessment trailer under actual field conditions. The trailer is a commercially available travel trailer equipped with a 5-inch by 2-inch NaI crystal detector, multi-channel analyzer and proper shadow shielding. The trailer along with a pick-up and generator make up a completely self contained unit and it is possible to determine actual thyroid doses in the field. Based on information derived from aircraft measurements and reported

Table 4. Milk samples containing maximum levels of ^{131}I from each location that showed fresh fission products, Pin Stripe Event.

Collection Data		Analytical Data Activity (pCi/l)				
Location	Date of Milking	^{131}I	^{133}I	^{137}Cs	^{89}Sr	^{90}Sr
Alamo, Nevada						
Wright Dairy	4-26-66	50	330	45	ND*	3
Leo Stewart Dairy	4-27-66	270	850	45	ND	6
M. K. Stewart Dairy	4-28-66	590	770	ND	ND	4
Sharp Ranch	4-28-66	2100	5100	ND	5	3
L. Lee Dairy	4-28-66	1400	1800	ND	ND	6
Frehner Dairy	5-09-66	60	ND	20	NO CHEMISTRY	
	5-10-66	60	ND	25	ND	2
Caliente, Nevada						
Young Ranch	4-27-66	30	90	30	NO CHEMISTRY	
	4-28-66	30	70	30	NO CHEMISTRY	
	4-30-66	30	ND	15	ND	4
Charlton Ranch	4-28-66	130	ND	85	NO CHEMISTRY	
Raymond Ranch	4-30-66	100	500	ND	ND	10
Tennille Ranch	5-01-66	50	ND	45	ND	3
Hiko, Nevada						
Davis Ranch	4-27-66	3500	7800	ND	15	4
Schofield Dairy	4-27-66	4800	12,000	ND	10	3
Las Vegas, Nevada						
Anderson Dairy #4	5-16-66	100	ND	15	ND	5
(Milk from Alamo)	5-19-66	100	ND	20	ND	5
Panaca, Nevada						
E. Deck Ranch	4-27-66	70	220	60	NO CHEMISTRY	
K. Lee Ranch	4-30-66	170	60	40	ND	8

Table 4. Milk samples containing maximum levels of ^{131}I from each location that showed fresh fission products, Pin Stripe Event (continued)

Collection Data		Analytical Data Activity (pCi/l)				
Location	Date of Milking	^{131}I	^{133}I	^{137}Cs	^{89}Sr	^{90}Sr
Pioche, Nevada						
Delmue Ranch	4-27-66	30	ND	60	NO CHEMISTRY	
Ursine, Nevada						
Donahue Ranch	4-28-66	1100	1200	45	ND	15
Fredonia, Arizona						
Button Ranch	5-02-66	70	ND	45	ND	10
Mt. Trumbull, Arizona						
O. Bundy Ranch	5-02-66	20	ND	35	ND	6
Spanish Fork, Utah						
Town Pride Dairy	4-28-66	60	ND	85	ND	10
Idaho Falls, Idaho						
Wallace Dairy	4-29-66	70	ND	30	ND	10

*ND = Not Detected. Minimum detectable levels are: ^{89}Sr, 5 pCi/l; ^{133}I, 20 pCi/l; ^{137}Cs, 10 pCi/l.

Note: The strontium results listed are, for the most part, composites of 3 or 4 days samples. Compositing was necessary because of the large number of samples processed following this event.

iodine measurements in some milk samples, the thyroid analysis trailer was moved to the Alamo area. The first measurements were made, 50 hours following the venting, at a ranch 15 miles north of Alamo; however, high backgrounds and extremely low thyroid burdens necessitated moving the thyroid trailer into the town of Alamo for most of the measurements. A summary of all the information obtained is shown in Table 5. The information in the table represents the maximum upper limits of possible thyroid doses.

Table 5. Number of people within a given range of computed thyroid dose, Pin Stripe Event.

Location	Back-ground	Bkg-50 mrad	50-150 mrad	150-300 mrad	Total
Alamo	10	17	6	0	33
Hiko	5	19	8	2	34
Ursine	4	1	0	0	5
Pioche	1	0	0	0	1
Panaca	5	0	0	0	5

Male children - 37
Female children - 33
Female adults - 8

3. Double Play

The Double Play Event was conducted at 1000 hours PDT on June 15, 1966. Following detonation, a venting occurred forming a radioactive effluent which moved in a northerly direction.

Twenty-three air samples, one water sample, four milk samples, and eighteen vegetation samples were collected for this event. Ground monitors in the off-site area detected no radiation levels above normal background. The only positive identification of radioactivity in an off-site populated location was on two air filters collected at Hiko and Alamo, Nevada. (See Table 6.)

Table 6. Air samples containing fresh fission products from the Double Play Event.

Location (Nevada)	Air Volume (m^3)	Date Time On 1966	Date Time Off 1966	Gross Beta Activity Prefilter at End of Collection (pCi/m^3)	Gross Beta Activity Prefilter at End of Collection ($\frac{pCi\text{-}hr}{m^3}$)	Col-lector	Radionuclide Analysis Activity at end of collection ^{131}I (pCi/m^3)	^{131}I ($\frac{pCi\text{-}hr}{m^3}$)	^{133}I (pCi/m^3)	^{133}I ($\frac{pCi\text{-}hr}{m^3}$)	^{135}I (pCi/m^3)	^{135}I ($\frac{pCi\text{-}hr}{m^3}$)
Alamo	414	6/15 0710	6/16 0455	0.65	14.0	P	ND	ND	ND	ND	ND	ND
						C	0.87	18.97	0.57	12.43	2.2	47.96
Hiko	242	6/15 1720	6/16 0520	0.83	10.0	P	ND	ND	ND	ND	ND	ND
						C	1.9	22.8	1.2	14.4	5.6	67.2

ND - not detectable
P - prefilter
C - charcoal cartridge

B. Reactor Experiments

1. NRX-A4/EST

The NRX-A4/EST reactor run consisted of a series of experimental plans (EP's) conducted at Test Cell A, NRDS. The following Table 7 lists the operating times and integral powers of each of the experiments.

Table 7. NRX-A4/EST test series data.

Experiment	Date 1966	Time of Operation PST	Mw-sec	Radiation Detectable Off-Site
EP-IIB	2/03	1116-1123 1459-1510	3.9×10^5	Yes
EP-IIC	2/11	1220-1230 1422-1443	4.3×10^5	No
EP-III	3/03	1310-1316 1550-1605	8.7×10^5	Yes
EP-IV	3/16	1004-1020	1.0×10^6	Yes
EP-IVA	3/25	0933-0948	1.05×10^6	Yes

a. EP-IIB Test, February 3, 1966

Due to the wind shear which existed on the test day, environmental samples, e.g. vegetation, air and milk were obtained from an azimuth of 270° to 45°. There were no detectable exposure rates in the off-site area measured by ground monitors nor were there detectable exposure rates in the off-site area measured by remote exposure rate recorders.

Film badges and TLD's exposed during February indicated no exposures above the detection limit (30 mR and 10 mR respectively) that could be attributed to EP-IIB effluent.

The air sampler prefilters obtained from Twin Springs Ranch, Diablo and Hiko, Nevada, contained less than 0.2 pCi/m^3 ^{133}I. These were the only air samples that contained fresh fission products.

Milk was sampled at four different locations following EP-IIB. None of the samples contained radioiodine. Vegetation samples collected following EP-IIB contained no activity above background levels.

b. EP-III Test, March 3, 1966

As a result of aerial cloud tracking, ground monitoring was performed for this test along the eastern side of the Amargosa Valley along a hot line of 160°. A monitor on Highway 95 located 17 miles ESE of Lathrop Wells, measured intensities of less than 0.01 mR/hr above background during the interval of 1505 to 1540 hours PST. Gamma exposure rates above background were not measured at other monitored locations. No increase in radioactivity above background was indicated on any of the exposure rate recorders.

Film badges and TLD's exposed during March indicated no exposures above the detection limit (30 mR and 10 mR respectively) that could be attributed to EP-III effluent.

Air samples from two locations contained ^{133}I on the prefilters and cartridges. A sampler located at the Ash Meadows road and Highway 95 (unpopulated) contained 2.2 pCi/m^3 ^{133}I on the prefilter and 2.0 pCi/m^3 on the charcoal cartridge. The other sampler contained 0.57 and 0.79 pCi/m^3 ^{133}I on the filter and cartridge, respectively. This sampler was located at Pahrump.

Milk and feed samples were obtained from two locations following the EP-III test. The samples indicated no radioactivity above background levels.

c. EP-IV Test, March 16, 1966

Highway 93 was monitored between Glendale and Alamo during the approximate time of cloud passage. Levels of less than 0.03 mR/hr above background were detected from 36 miles NE of Glendale to Alamo.

Gamma exposure rate recorders at Warm Springs Ranch, Caliente, Alamo, Pioche and St. George did not indicate an exposure on March 16 or 17 above the local background levels (< 0.02 mR/hr).

Film badges and TLD's exposed during March indicated no exposures above the detection limit (30 mR and 10 mR respectively) that could be attributed to EP-IV effluent.

Air samples containing radioiodines were obtained from Alamo, Butler Ranch turnoff and Highway 93, Warm Springs Ranch, Glendale and Caliente, Nevada, and Cedar City and Parowan, Utah. Table 8 presents the results of air filter analyses.

Milk and feed samples were obtained in the area of the effluent path on March 17. All results were negative. At all sampled locations the cows were not yet on pasture.

d. EP-IVA Test, March 25, 1966

Monitors located on Highway 95 detected EP-IVA cloud passage with survey instruments. Monitoring was performed along highways in a south-southwesterly quadrant from the

Table 8. Analyses of air samples collected following EP-IV, March 1966.

Location	Collection: Sampling Period Start Day	Hr	Stop Day	Hr	Total Time (Hr)	Sample Volume (m^3)	Col-lector	Beta Activity (pCi/m^3)	Beta Exposure ($pCi\text{-}hr/m^3$)	Results: ^{131}I pCi/m^3	^{131}I $pCi\text{-}hr/m^3$	^{132}I pCi/m^3	^{132}I $pCi\text{-}hr/m^3$	^{133}I pCi/m^3	^{133}I $pCi\text{-}hr/m^3$	^{135}I pCi/m^3	^{135}I $pCi\text{-}hr/m^3$
Alamo, Nevada	16	0750	17	0800	24.2	489	P	0.64	15	0.35	8.5	ND	ND	0.82	20	ND	ND
							C			--	--	--	--	--	--	--	--
Butler Ranch turn-off & Hwy 93, Nev.	16	1350	16	1600	2.2	20	P	110	240	25	54	75	160	24	52	ND	ND
							C			ND	ND	ND	ND	6.1	13	7.9	17
Glendale Jct., Nev.	16	1230	16	1718	4.8	96	P	74	360	2.4	12	4.6	22	.73	3.5	9.6	46
							C			1.6	7.7	1.2	5.8	1.7	8.2	1.7	8.2
Caliente, Nevada	16	1600	17	0835	16.6	348	P	0.79	13	0.57	9.5	1.6	27	1.2	20	0.91	15
							C			0.58	9.6	0.47	7.8	0.98	16	ND	ND
Warm Springs, Nevada	16	0800	17	1010	26.2	502	P	0.26	6.8	0.21	5.5	0.42	11	0.34	8.9	ND	ND
							C			ND	ND	ND	ND	ND	ND	ND	ND
Cedar City, Utah	16	1515	17	1250	21.6	372	P	0.36	7.8	0.30	6.5	ND	ND	0.35	7.6	ND	ND
							C			0.37	8.0	ND	ND	0.85	18	ND	ND
Parowan, Utah	15	2230	16	2230	24.0	448	P	0.25	6.0	0.18	4.3	ND	ND	0.41	9.8	ND	ND
							C			--	--	--	--	--	--	--	--

ND - not detectable
P - prefilter
C - charcoal cartridge
-- - sample not obtained

test site. A monitor located 14 miles SE of Beatty, along Highway 95, detected an external gamma exposure of 2.7 mR (integrated exposure from E-500B) due to cloud passage. The peak exposure rate at this location was 2 mR/hr measured at 1145 hours. The infinite exposure at this unpopulated location is estimated to be 17 mR. Ground monitors were able to locate activity (< 0.03 net mR/hr) in the area between Lone Pine, California and Stovepipe Wells.

The RM-11 exposure rate recorder at Beatty, Nevada indicated an exposure rate of up to 0.02 mR/hr above background between 1330 and 1830 hours on March 25. A gamma exposure of 0.05 mR above background was calculated by integration of the exposure rate with time. The other recorders did not show a significant exposure above background.

Film badges and TLD's exposed during March indicated no exposure above the detection limit (30 mR and 10 mR respectively) that could be attributed to EP-IVA effluent.

Air samples containing fresh fission products were obtained at several locations. The peak concentrations in air were detected at Lone Pine, California where the maximum potential thyroid exposure was estimated to be 3.6 mR, primarily due to inhalation of ^{131}I and ^{133}I. (Based on the International Committee on Radiation Protection "Standard Man," the dose to an infant would be three times this value.) This assumes that all the ^{131}I and ^{133}I as collected on the prefilter and charcoal cartridge are biologically available for thyroid uptake from inhalation. A summary of the air sampling data is presented in Table 9.

Table 9. Analyses of air samples collected following EP-IVA, March 1966.

Location	Collection: Sampling Start Day	Hr	Stop Day	Hr	Total Time (Hr)	Sample Volume (m^3)	Col-lector	Beta Activity (pCi/m^3)	Beta Exposure ($pCi\text{-}hr/m^3$)	Results: ^{131}I pCi/m^3	^{131}I $pCi\text{-}hr/m^3$	^{132}I pCi/m^3	^{132}I $pCi\text{-}hr/m^3$	^{133}I pCi/m^3	^{133}I $pCi\text{-}hr/m^3$	^{135}I pCi/m^3	^{135}I $pCi\text{-}hr/m^3$
Beatty, Nevada	25	0753	26	0733	23.7	442	P	17	400	ND	ND	ND	ND	0.87	21	ND	ND
							C			1.2	28	ND	ND	ND	ND	ND	ND
Hwy 95, 15 mi NW of Lathrop Wells, Nevada	25	1130	25	1545	4.2	34	P	64	270	ND	ND	ND	ND	5.6	24	ND	ND
							C			ND	ND	6.1	26	16	68	1.6	6.8
Hwy 95, 25 mi NW of Lathrop Wells, Nevada	25	1055	25	1540	3.8	48	P	140	520	ND	ND	ND	ND	7.9	30	ND	ND
							C			ND	ND	6.0	22	11	41	23	86
Lathrop Wells, Nevada	25	0640	26	0605	23.6	473	P	7.1	170	1.9	45	ND	ND	ND	ND	ND	ND
							C			ND	ND	ND	ND	0.56	13	0.63	15
Scotty's Jct, Nevada	25	1705	26	0905	16.0	299	P	29	460	ND	ND	ND	ND	1.5	24	ND	ND
							C			ND	ND	ND	ND	0.56	9.0	ND	ND
Stovepipe Wells, California	25	1140	26	0930	21.8	386	P	31	680	6.7	150	ND	ND	ND	ND	ND	ND
							C			2.4	52	1.2	26	6.8	150	3.0	65
Lone Pine, California	25	0948	26	0940	23.8	432	P	650	15,000	61	1500	ND	ND	70	1700	ND	ND
							C			25	600	12	290	74	1800	ND	ND
Bishop, California	25	1010	26	0624	20.2	398	P	6.7	140	ND	ND	ND	ND	0.86	17	ND	ND
							C			ND	ND	ND	ND	ND	ND	ND	ND
Barstow, California	25	0700	26	1315	30.2	546	P	4.7	140	ND	ND	ND	ND	0.50	15	ND	ND
							C			ND	ND	ND	ND	ND	ND	ND	ND

ND - not detectable
P - prefilter
C - charcoal cartridge

Milk and feed samples were obtained at several locations in California and Nevada. Radioiodine was detected in milk from Lone Pine, Independence, and Big Pine, California. The peak concentration was 140 pCi of ^{131}I/liter and 230 pCi of ^{133}I/liter; this occurred in Lone Pine milk collected from the evening milking on March 27. Milk sampling results are presented in Table 10. The potential thyroid dose to an infant's thyroid from ^{131}I ingestion at Lone Pine is estimated to be 22 millirad. The ^{133}I ingestion dose is estimated to be 3 mrad. The cows' feed at the three locations was primarily made up of dry feed (hay), and less than 10% of the total intake was grass.

Vegetation samples were collected along Highway 95 north and southeast of Beatty to determine a hot line and cloud profile at that distance. The peak occurred at 10 miles SE of Beatty, or 24 miles at 260° from Test Cell A.

Vegetation samples containing fresh fission products, other than the samples previously mentioned (milk results and Highway 95), were also obtained at Barstow, Independence (Loden Ranch), Olancha (Hayhurst Ranch), and Stovepipe Wells, California; these samples were both natural vegetation and representative cows' feed. Milk samples were not available from Stovepipe Wells, but milk from the other locations did not show the presence of fresh fission products because the cows were not on fresh feed.

Thyroid in vivo counting was performed on two ground monitors who were located on Highway 95 during cloud passage. In both cases the thyroid doses were negligible.

Table 10. Analysis of milk samples collected following EP-IVA.

Location	Date Collected	Presence of Radioiodine in Feed	Gamma pulse height analysis (pCi/liter) ^{131}I	^{133}I
Lone Pine, Calif.	3/26-am	x	ND	50
	3/27-am	x	110	180
	3/27-pm	--	140	230
	3/28-am	x	100	70
	3/28-pm	x	100	40
	3/29-am	x	60	ND
	3/30-pm	x	70	ND
	3/31-am	x	50	ND
	3/31-pm	x	90	ND
	4/01-am	x	60	ND
	4/02-am	--	50	ND
	4/03-am	--	50	ND
	4/04-am	x	30	ND
	4/11-am	ND	ND	ND
Independence, California	3/29-pm	x	ND	ND
	3/30	x	--	--
Zucco Ranch	3/31-am	x	20	ND
	4/01-am	ND	ND	ND
Big Pine, Calif.	3/26-am	x	ND	ND
	3/27	x	--	--
	3/28-am	ND	ND	ND
	3/28-pm	--	30	ND
	3/29-am	--	40	ND
	3/30-am	ND	ND	ND
	3/30-pm	ND	20	ND
	3/31-am	ND	ND	ND

ND - not detectable
x - radioiodine present
-- - sample not collected

Water samples containing fresh fission products were obtained from Lone Pine and Olancha, California. The maximum concentration of ^{131}I at Lone Pine was 750 pCi/l while the maximum at Olancha was 110 pCi/l. Both samples were collected on March 28.

2. NRX-A5

The NRX-A5 was the fourth fueled reactor in the NRX series of the Rover Program. The reactor was placed so that the hydrogen coolant and escaping fission products were exhausted upwards. The series was conducted at Test Cell A.

The reactor was operated at full power for an accumulated time of about 30 minutes, resulting in an integral power of about 2.1×10^6 Mw-sec. The peak power was 1200 Mw. The experimental plans are outlined in Table 11.

Table 11. NRX-A5 experimental plans.

Experiment	Date 1966	Time of Operation PDT	Integral Power Mw-secs	Radio-activity Detected Off-Site
EP-I	5/26		Criticality and drum calibration	No
EP-II	6/08	AM	Low power test	No
EP-III	6/08	1402-1418	1.1×10^6 (full power)	Yes
EP-IV	6/23	1035-1050	1.0×10^6 (full power)	Yes

a. EP-III, June 8, 1966

Experimental Plan III was the first full power run of the NRX-A5 reactor. Based on the aerial cloud tracking results, ground monitoring was performed in the southwest quadrant off-site. PHS aerial monitoring results indicated that the effluent cloud was split into two sections at about 8000 and 9000 feet MSL by the large wind shear which existed at test time. The low altitude section of the cloud went towards CP-1 at a bearing of about 40^{o}. The main cloud went in a westerly direction with an initial bearing of about 270^{o} for about 25 miles and later in a more southerly direction.

Ground monitors were located on U S 95 at the time and location of cloud passage. The monitors did not detect gamma exposure rates above background. The RM-11 recorders did not indicate any exposure rates above background.

The film badge and TLD results gave no indication of exposures above background due to the reactor effluent.

Fresh fission products were detected on air samples as shown in Table 12. Gross beta results which were above background are included, if they coincide with the date and area of effluent cloud passage, even if fresh fission products were not detected on the sample. These high gross beta results are due to several causes:

(1) Reactor effluent - even those samples with fresh fission products were near the limit of detectability. Thus, the samples marked NFFP may have contained

Table 12. NRX-A5, EP-III air sample results, June 1966.*

Location	Sampling Period Start Day	Hr	Stop Day	Hr	Total Time (Hr)	Sample Volume (m^3)	Col-lector	Beta Activity (pCi/m^3)	Beta Exposure ($pCi\text{-}hr/m^3$)	Notes	^{131}I pCi/m^3	^{131}I $pCi\text{-}hr/m^3$	^{133}I pCi/m^3	^{133}I $pCi\text{-}hr/m^3$
Beatty, Nevada	08	0742	09	0826	24.6	467	P	1.1	27		ND		< 0.1	
							C				ND		< 0.1	
Death Valley Jct., Cal.	08	0645	09	0645	24.0	485	P	1.1	26		ND		1.4	340
							C				ND		5.2	1200
Death Valley Jct., Cal.	09	0645	10	0645	23.9	495	P	1.1	26	NFFP				
Furnace Creek, Cal.	08	1130	09	1020	22.8	472	P	1.8	40		0.7	16	0.8	18
							C				ND		ND	
Furnace Creek, Cal.	09	1030	10	1125	25.0	518	P	1.0	25	NFFP				
Furnace Creek, Cal.	10	1125	11	1155	24.6	497	P	1.5	37	NGS				
Lathrop Wells, Nevada	08	0755	09	0620	22.3	450	P	1.1	25		0.5	11	1.8	40
							C				1.7	38	8.0	180
Pahrump, Nevada	07	1200	08	1200	24.0	435	P	1.3	31	NGS				
Pahrump, Nevada	08	1200	09	1200	24.0	448	P	1.7	41		ND		1.1	26
Pahrump, Nevada	09	1200	10	1200	24.0	435	P	1.3	31	NFFP				
Shoshone, Cal.	09	1435	10	1843	28.2	468	P	1.1	31	NFFP				
Barstow, Cal.	09	0700	10	0700	24.0	460	P	1.1	26	NGS				
Ridgecrest, Cal.	08	1308	09	1422	25.3	485	P	2.3	58	NGS				
Ridgecrest, Cal.	09	1425	10	1315	22.9	415	P	2.1	48	NGS				
10 mi S. of Beatty, Nev. (Hwy. 95)	08	1545	09	0930	17.3	193	P	1.9	33		0.7	12	1.8	31
							C				1.0	17	2.4	42
Springdale, Nevada (Hwy. 95)	08	1540	09	1156	20.3	410	P	0.7	14		ND		0.4	8.0
							C				ND		ND	

*Results extrapolated to end of collection.

Notes: NFFP - No fresh fission products detected. NGS - Not gamma scanned. ND - Not detected.

P = Prefilter C = Charcoal cartridge

fresh fission products, but below levels of detection.

(2) Fallout from the foreign weapons test of May 9, 1966 - it was detected in environmental samples in the vicinity of the site around June 7 and 8.

(3) High natural background levels due to normal fallout and dust, etc. - the general background level during June 1966 was about 0.5 pCi/m^3 and occasionally values of about 1 pCi/m^3 occurred.

The positive results found to the south and south-southeast of the site are possibly due to the release of fission products during cool down of the reactor and the northerly flow of surface drainage winds at night. They also could have resulted from the large wind shear and changing wind direction after testing.

Milk and feed samples were obtained from Dansby's Ranch and Springdale, Nevada. The only milk samples with a detectable level of radioiodine were from Dansby's Ranch, southwest of Lathrop Wells, which had 40 pCi/l of ^{131}I on June 13 and 50 pCi/l of ^{131}I on June 17. Two samples prior to this (June 9 and 10) did not have detectable levels of radioiodine, although vegetation from the pasture did show the presence of radioiodine. Peak levels do not usually occur in milk until 2 to 6 days after deposition on the pasture. There are two potential sources of the ^{131}I: fallout from the non-U.S. nuclear detonation of May 9, 1966, which was observed in air samples about this time and/or the reactor effluent.

Vegetation samples were taken at five mile intervals on U S 95 between Springdale and Lathrop Wells, Nevada on June 9. No fresh fission products were detected in these samples except for those collected 10 miles south of Springdale and 5 miles south of Beatty. Vegetation samples were also taken at Peacock Ranch near Springdale and at Dansby's Ranch.

Fresh fission products were not detected in water samples collected from Dansby's Ranch and near Springdale, Nevada.

b. EP-IV, June 23, 1966

The EP-IV was the second and final full power run on the NRX-A5 reactor. Ground monitoring and environmental surveillance was performed in the northeast quadrant of the off-site area based on aerial monitoring results and initial ground monitoring. An initial hot line of about 25° changing to about 30° beyond 60 miles was indicated. Fresh fission products were detected in off-site samples of air, vegetation, and milk; gamma exposure rates were recorded by portable survey meters and the RM-11 recorders.

Monitors on Highway 25 between Queen City Summit and Coyote Summit detected the cloud passage with portable survey instruments. The highest off-site ground level external gamma exposure detected was at Goss's Ranch (60 miles from the reactor at an azimuth of 25°) where a measurement of 1.2 mR/hr was recorded at 1300 hours. Cloud passage was also indicated by RM-11 recorders at Sunnyside and Lund, Nevada.

Film badge and TLD results gave no indication of the reactor effluent passage.

Positive air sample results were obtained from the locations given in Tables 13 and 14. The results from Utah, except Garrison, indicated the absence of fresh fission products. The gross beta results from Garrison and Geyser Maintenance Station were above background, but specific isotope analysis is not available.

Milk samples containing fresh fission products were obtained at the locations indicated in Table 15. Samples were also obtained from the standby network in Utah. A complete list of milk samples is given in Appendix A. The samples from Utah did not have detectable levels of fresh fission products.

Natural vegetation samples were taken on Highway 25 between Hancock Summit and Queen City Summit on June 23, to help delineate the hot line. The vegetation samples south of Coyote Summit did not show the presence of fresh fission products. High results were found near Queen City Summit and are possibly due to the increased elevation in this area. The hot line was estimated to be 5 to 10 miles from Coyote Summit on the basis of aerial monitoring and other surveillance results.

Vegetation samples were taken from Sacramento Pass, Nevada to Garrison, Utah on July 1 to detect the area of cloud passage. Fresh fission products were not detected on any of the samples. The time delay between the possible deposition of radioactivity and the collection of samples would

Table 13. NRX-A5, EP-IV gross beta air sample results, June 1966.*

Location	Sampling Period Start Day	Hr	Stop Day	Hr	Total Time** (Hr)	Sample Volume (m^3)	Beta Activity (pCi/m^3)	Beta Exposure ($pCi\text{-}hr/m^3$)	Notes
Goss Ranch (NW of Coyote Summit)	23	1314	23	1500	01.8	17	14,400	26,000	
Coyote Summit (Hwy 25)	23	1135	23	1540	04.1	40	527	2,160	
Sunnyside, Nevada	23	0730	24	0726	23.9	470	138	3,320	
Geyser Maint. Station, Nevada	23	1602	24	1610	24.6	446	10.1	247	NGS
Garrison, Utah	23	0800	24	0800	22.7	458	3.1	71	NGS

* - Results extrapolated to end of collection time.

** - Based on running time indicator rather than time on and off.

NGS - Not gamma scanned.

Table 14. NRX-A5, EP-IV air sample results, June 1966.*

Location	Sampling Period Start Day	Hr	Stop Day	Hr	Total Time (Hr)	Col-lector	Results ^{131}I pCi/m^3	^{131}I pCi-hr/m^3	^{132}I pCi/m^3	^{132}I pCi-hr/m^3	^{133}I pCi/m^3	^{133}I pCi-hr/m^3	^{135}I pCi/m^3	^{135}I pCi-hr/m^3	Potential Adult Inhalation Dose (mrad)
Goss Ranch	23	1314	23	1500	01.8	P	910	1600	ND	ND	1600	2800	1600	2800	5.3
						C	620	1100	1200	2100	1700	3100	1100	1900	
Coyote Summit	23	1135	23	1540	04.1	P	ND	ND	ND	ND	70	280	80	330	< 1
						C	40	160	50	210	80	330	100	420	
Sunny-side	23	0730	24	0726	23.9	P	9.9	240	ND	ND	23	56	ND	ND	1
						C	4.7	110	5.1	120	17	420	4.8	120	

*Results extrapolated to end of collection.

P - Prefilter. C - Charcoal cartridge. ND - Not detectable.

^{132}I is not reported on the prefilter because of interference from ^{97}Zr.

Table 15. NRX-A5, EP-IV milk results.*

Location	Date	Milk pCi/l		Pasturage pCi/kg	
		^{131}I	^{133}I	^{131}I	^{133}I
3 mi. N. of Shoshone (Kirkeby Ranch)	6/24	20	1.3×10^3		
3 mi. N. of Shoshone (Kirkeby Ranch)	6/25	80	20		
3 mi. N. of Shoshone (Kirkeby Ranch)	6/26	240	310	830	2.7×10^3
3 mi. N. of Shoshone (Kirkeby Ranch)	6/27	90	60	640	1×10^3
3 mi. N. of Shoshone (Kirkeby Ranch)	6/30	ND	ND		
3 mi. N. of Shoshone (Kirkeby Ranch)	7/01	ND	ND	ND	ND
3 mi. S. of Baker, Nev. (Baker Ranch)	6/30	50	ND		
3 mi. S. of Baker, Nev. (Baker Ranch)	7/01	20	ND	ND	ND
13 mi. N. of Shoshone (Harbecke Ranch)	6/26	50	50	680	1.5×10^3
13 mi. N. of Shoshone (Harbecke Ranch)	6/27	60	ND	420	ND
5 mi. S. of Baker (E. J. Cummings Ranch)	6/26	not available		770	2×10^3
5 mi. S. of Baker** (E. J. Cummings Ranch)	6/27	110	30	ND	ND
Nyala	6/24	30	ND	ND	ND

* - Activity extrapolated to end of collection time.

** - Samples were not available after this date.

ND - Not detectable.

have allowed a decay factor of about four which may explain the absence of fresh fission products.

Water samples from near Alamo, Hiko, Warm Springs, and Shoshone, Nevada area did not show detectable levels of fresh fission products.

3. Six-Month Summary

The highest air filter results collected during the six-month period were taken following the Pin Stripe Event and the NRX-A4/EST and NRX-A5 reactor runs. These results are listed with the summaries of these experiments.

Some samples of water used for human consumption collected during this period contained ^{131}I. These samples were collected following the Pin Stripe Event and are listed in Table 16. The positive water samples collected following NRX-A4/EST were from stock tanks.

Table 16. Ten highest potable water sample results, Pin Stripe Event.

Location	Collection Date	^{131}I pCi/liter
Hiko, Davis Ranch	4/26	3860
Ursine, McCrosky Ranch	5/02	360
Panaca, K. Lee Ranch	5/03	140
Ursine, Lytle Ranch	5/02	140
Caliente, Oxborrow Rn.	5/03	120
Caliente, Tennille Rn.	5/03	110
Hiko, Davis Ranch	4/27	50
Panaca, K. Lee Ranch	5/06	50
Hiko, Davis Ranch	4/30	40
Hiko, Davis Ranch	4/28	30

The highest radioiodine content found in milk during this period was a result of the Pin Stripe Event and was discussed in the summary of that event. Complete milk results for the six-month period are listed in Appendix A.

There were no positive exposures on personnel film badges during the six-month period.

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 operations, which exceeded the guides established by the AEC and/or recommended by the FRC and the NCRP.

APPENDIX A

Milk sample results for the six-months 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 isotopes 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 isotopes: ^{141}Ce, ^{131}I, ^{106}Ru, ^{137}Cs, ^{95}Zr, ^{54}Mn, ^{40}K, and ^{140}Ba. These isotopes 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 isotopes 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:

3.0E01 = $3.0 \times 10^1 = 30$; 5.5E02 = $5.5 \times 10^2 = 550$, etc.

APPENDIX - Milk sample results

ARIZONA MILK-JAN. 01, 1966 TO JUNE 30, 1966

FREDONIA ARIZONA BUTTON RANCH 52011100502913009196 04 30 66 000
K=1.2

FREDONIA ARIZONA BUTTON RANCH 52011100502913009205 05 01 66 000
K=1.4 89SR=B 90SR=9

FREDONIA ARIZONA BUTTON RANCH 52011100502913009469 05 02 66 000
131I=7.0E01 137CS=4.5E01 K=2.2E00 89SR=B
90SR=10

FREDONIA ARIZONA BUTTON RANCH PM 52011100502913009763 05 04 66 000
137CS=5.0E00 K=1.1E00

FREDONIA ARIZONA BUTTON RANCH 52011100502913009753 05 05 66 000
137CS=1.0E01 K=1.4E00

MOCCASIN ARIZONA JOHNSON RANCH PM 52017501502913009204 04 30 66 000
137CS=4.0E01 K=1.4

MOCCASIN ARIZONA JOHNSON RANCH 52017501502913009195 05 01 66 000
K=1.2

MOCCASIN ARIZONA JOHNSON RANCH 52017501502913009465 05 02 66 000
137CS=5.5E01 K=1.8E00

MT TRUMBELL ARIZONA BUNDY RANCH 52017801502913009467 05 02 66 000
131I=2.0E01 137CS=3.5E01 K=1.7E00 89SR=B
90SR=6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - Milk sample results

CALIFORNIA MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

BAKERSFIELD CALIF CHALLENGE CREAMERY		53024002904912008150 03 28 66 0002341	
137CS=B	K=1.5E0	89SR=B	90SR=3
BAKERSFIELD CALIF CHALLENGE CREAMERY		53024002904912008190 03 30 66 0002341	
K=1.2	89SR=B	90SR=4	
BAKERSFIELD CALIF CHALLENGE CREAMERY		53024002904912008191 03 30 66 0002341	
137CS=1.0E01	K=1.5	89SR=B	90SR=3
BAKERSFIELD CALIF CHALLENGE CREAMERY		53024002904912008234 03 31 66 0002341	
137CS=2.0E01	K=1.5		
BAKERSFIELD CALIF CHALLENGE CREAMERY		53024002904912008241 04 02 66 0002341	
137CS=1.5E01	K=1.5		
BAKERSFIELD CALIF CHALLENGE CREAMERY		53024002904912008227 04 03 66 0002341	
K=1.1	89SR=B	90SR=2	
BAKERSFIELD CALIF CHALLENGE CREAMERY		53024002704912008278 04 03 66 0002341	
137CS=1.0E1	K=1.2E0	89SR=B	90SR=4
BARSTOW CALIFORNIA HILLS DAIRY		53027002904912008064 03 26 66 EP4A344	
137CS=1.5E01	K=1.5	89SR=B	90SR=4
BARSTOW CALIFORNIA HILLS DAIRY		53027002904912008096 03 27 66 EP4A344	
137CS=1.0E01	K=1.4	89SR=B	90SR=4
BARSTOW CALIFORNIA HILLS DAIRY		52027002904912009829 05 04 66 344	
137CS=1.5E01	K=1.2E00		
BARSTOW CALIFORNIA HILLS DAIRY		52027002904912009817 05 05 66 344	
137CS=2.5E01	K=1.3E00		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - Milk sample results

CALIFORNIA MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

BARSTOW CALIFORNIA HILLS DAIRY 52027002904912009813 05 06 66 344
137CS=5.0E00 K=1.0E00

BARSTOW CALIFORNIA HILLS DAIRY 52027002904912009918 05 08 66 344
137CS=1.0E01 K=1.2E00

BARSTOW CALIFORNIA HILLS DAIRY 52027002904912009915 05 09 66 344
137CS=1.0E01 K=1.2E00

BARSTOW CALIFORNIA HILLS DAIRY 52027002904912009916 05 10 66 344
137CS=5.0E00 K=1.8E00 89SR=B 90SR=1

BARSTOW CALIFORNIA HILLS DAIRY PM 52027002904912009970 05 16 66 344
137CS=5.0E00 K=1.2E00

BARSTOW CALIFORNIA HILLS DAIRY AM 51027002904912010621 06 16 66 7390006
137CS=5.0E00 K=1.1 89SR=B 90SR=3

BIG PINE CALIFORNIA SIMMONS DAIRY 53036502704912008030 03 26 66 EP4A022
K=0.9E0 89SR=B 90SR=8

BIG PINE CALIFORNIA SIMMONS DAIRY 53036502704912008101 03 28 66 EP4A022
K=1.3 89SR=B 90SR=8

BIG PINE CALIORNIA SIMMONS DAIRY 53036502704912008110 03 28 66 2932022
131I=3.0E01 137CS=1.5E01 K=1.5 89SR=B
90SR=8

BIG PINE CALIORNIA SIMMONS DAIRY 53036502704912008111 03 29 66 2932022
131I=4.0E01 137CS=2.5E01 K=1.2 89SR=B
90SR=7

BIG PINE CALIORNIA SIMMONS DAIRY 53036502704912008133 03 30 66 4402022
K=1.4 89SR=B 90SR=8

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - Milk sample results

CALIFORNIA MILK-JAN. 01,1966 TO JUNE 30, 1966			COLLECTED
BIG PINE CALIORNIA SIMMONS DAIRY		53036502704912008169 03 30 66	4402022
131I=2.0E1	137CS=2.5E1	K=1.3E0	89SR=B
90SR=6			
BIG PINE CALIORNIA SIMMONS DAIRY		53036502704912008209 03 31 66	4302022
K=1.3			
BIG PINE CALIORNIA SIMMONS DAIRY	AM	51036502704912009979 05 17 66	022
137CS=2.5E01	K=1.2E00	89SR=B	90SR=9
BIG PINE CALIFORNIA SIMMONS DAIRY	AM	51036502704912010624 06 16 66	8290022
137CS=1.5E01	K=1.5	89SR=B	90SR=9
BISHOP CALIFORNIA SIERRA FARMS DAIRY		53037002704912008032 03 26 66	EP4A021
137CS=5.0E0	K=1.1E0	89SR=B	90SR=6
BISHOP CALIFORNIA SIERRA FARMS DAIRY	AM	51037002704912009978 05 17 66	021
137CS=2.0E01	K=1.3E00	89SR=B	90SR=9
BISHOP CALIFORNIA SIERRA FARMS DAIRY	AM	51037002704912010625 06 17 66	8290021
131I=2.0E01	137CS=2.5E01	K=1.3	89SR=10
90SR=7			
BRAWLEY CALIFORNIA DATELAND DAIRIES		52040007504912009779 05 04 66	347
137CS=5.0E00	K=1.3E00		
BRAWLEY CALIFORNIA DATELAND DAIRIES		52040007504912009800 05 05 66	347
137CS=1.0E01	K=1.3E00		
BRAWLEY CALIFORNIA DATELAND DAIRIES		52040007504912009844 05 07 66	347
137CS=B	K=1.8E00		
ESCONDIDO CALIFORNIA BERNARD DAIRY		52113007304912009732 05 04 66	346
137CS=1.0E01	K=1.3E00	89SR=B	90SR=2

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

CALIFORNIA MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

ESCONDIDO CALIFORNIA BERNARD DAIRY 52113007304912009775 05 05 66 346
137CS=1.5E01 K=1.3E00

ESCONDIDO CALIFORNIA BERNARD DAIRY 52113007304912009846 05 07 66 346
137CS=1.0E01 K=1.2E00

FRESNO CALIF HARPAINS DAIRY 53130001904912008154 03 28 66 9002338
137CS=2.5E1 K=1.4E0 89SR=B 90SR=4

FRESNO CALIF HARPAINS DAIRY 53130001904912008130 03 29 66 9002338
137CS=3.0E01 K=1.5

FRESNO CALIF HARPAINS DAIRY 53130001904912008197 03 30 66 3002338
137CS=1.5E01 K=1.4 89SR=B 90SR=4

FRESNO CALIF HARPAINS DAIRY 53130001904912008230 03 31 66 0002338
137CS=2.0E01 K=1.5

FRESNO CALIF HARPAINS DAIRY 53130001904912008232 04 01 66 0002338
137CS=1.0E01 K=1.1 89SR=B 90SR=4

FRESNO CALIF HARPAINS DAIRY 53130001904912008243 04 02 66 0002338
137CS=2.5E01 K=1.6

FRESNO CALIF HARPAINS DAIRY FARMS 53130001904912008279 04 03 66 0002338
137CS=3.0E1 K=1.4E0 89SR=B 90SR=4

FRESNO CALIF STATE COLLEGE CREAMERY 53130001904912008194 03 30 66 0002339
137CS=2.0E01 K=1.5 89SR=B 90SR=3

FRESNO CALIF STATE COLLEGE CREAMERY 53130001904912008236 03 31 66 0002339
K=1.2

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - Milk sample results

CALIFORNIA MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

FRESNO CALIF STATE COLLEGE CREAMERY 53130001904912008242 04 01 66 0002339
137CS=1.5E01 K=1.4 89SR=B 90SR=4

FRESNO CALIF STATE COLLEGE CREAMERY 53130001904912008231 04 02 66 0002339
K=1.7

FRESNO CALIF STATE COLLEGE CREAMERY 53130001904912008270 04 03 66 0002339
137CS=1.0E1 K=1.7E0 89SR=B 90SR=3

FRESNO CALIF STATE COLLEGE CREAMERY 53130001904912008277 04 04 66 0002339
137CS=1.0E1 K=1.3E0 89SR=B 90SR=4

FRESNO CALIFORNIA STATE COLLEGE CREAMERY 53130001904912008285 04 05 66 0002339
137CS=1.0E1 K=1.3E0 89SR=B 90SR=4

INDEPENDENCE CALIF LODER RANCH 53156502704913008033 03 26 66 EP4A000
137CS=6.5E1 K=1.6E0 89SR=B 90SR=8

INDEPENDENCE CALIF LODER RANCH 53156502704913008094 03 27 66 EP4A000
137CS=7.5E01 K=1.8 89SR=B 90SR=6

INDEPENDENCE CALIF LODER RANCH 53156502704913008099 03 28 66 EP4A000
137CS=5.5E01 K=1.4 89SR=B 90SR=7

INDEPENDENCE CALIF LODER RANCH 53156502704913008108 03 29 66 1902000
137CS=3.5E01 K=1.2 89SR=B 90SR=5

INDEPENDENCE CALIF LODER RANCH 53156502704913008144 03 30 66 1902000
137CS=4.0E01 K=1.2 89SR=B 90SR=6

INDEPENDENCE CALIF LODER RANCH 53156502704913008170 03 31 66 1302000
137CS=6.5E1 K=1.4E0

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - Milk sample results

CALIFORNIA MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

INDEPENDENCE CALIF LODER RANCH		53156502704913008206 04 01 66 1302000	
137CS=6.0E01	K=1.8	89SR=B	90SR=7
INDEPENDENCE CALIF ZUCCO RANCH		53156502704913008138 03 29 66 4202012	
137CS=3.5E01	K=1.1	89SR=B	90SR=9
INDEPENDENCE CALIF ZUCCO RANCH		53156502704913008173 03 31 66 4202012	
131I=2.0E1	137CS=3.0E1	K=1.5E0	
INDEPENDENCE CALIF ZUCCO RANCH		53156502704913008208 04 01 66 4202012	
137CS=1.0E01	K=1.7	89SR=B	90SR=11
INDEPENDENCE CALIF ZUCCO RANCH		53156502704913008255 04 02 66 4002012	
137CS=5.5E01	K=2.2		
INDEPENDENCE CALIF ZUCCO RANCH		53156502704913008252 04 03 66 4002012	
137CS=1.0E01	K=1.1	89SR=10	90SR=5
INDEPENDENCE CALIF ZUCCO RANCH		53156502704913008251 04 04 66 4002012	
K=1.4			
LONE PINE CALIF LONE PINE DAIRY		53185502704912008027 03 26 66 EP4A023	
133I=5.0E01	137CS=1.0E01	K=1.5	89SR=B
90SR=5			
LONE PINE CALIF LONE PINE DAIRY		53185502704912008095 03 26 66 EP4A023	
K=1.5	89SR=B	90SR=5	
LONE PINE CALIF LONE PINE DAIRY		53185502704912008098 03 27 66 EP4A023	
131I=1.1E02	133I=1.8E02	137CS=1.5E01	K=1.2
89SR=B	90SR=5		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - Milk sample results

CALIFORNIA MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

LONE PINE CALIF LONE PINE DAIRY 53185502704912008100 03 27 66 EP4A023
131I=1.4E02 133I=2.3E02 K=1.2 89SR=B
90SR=3

LONE PINE CALIF LONE PINE DAIRY 53185502704912008102 03 28 66 EP4A023
131I=1.0E02 133I=7.0E01 137CS=1.5E01 K=1.5
89SR=B 90SR=4

LONE PINE CALIF LONE PINE DAIRY 53185502704912008113 03 28 66 4702023
131I=1.0E02 133I=4.0E01 K=1.1 89SR=B
90SR=4

LONE PINE CALIF LONE PINE DAIRY 53185502704912008112 03 29 66 4702023
131I=6.0E01 K=1.5 89SR=B 90SR=4

LONE PINE CALIF LONE PINE DAIRY 53185502704912008132 03 29 66 4902023
131I=9.0E01 133I=3.0E01 137CS=2.0E01 K=1.4

LONE PINE CALIF LONE PINE DAIRY 53185502704912008143 03 30 66 4902023
226RA=DETECTED RA(1)=.0254 RA(2)=.0212

LONE PINE CALIF LONE PINE DAIRY 53185502704912008172 03 30 66 4902023
131I=7.0E1 137CS=2.0E1 K=1.5E0 89SR=B
90SR=4

LONE PINE CALIF LONE PINE DAIRY 53185502704912008171 03 31 66 4902023
131I=5.0E1 137CS=2.0E1 K=1.4E0

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - Milk Sample results

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LONE PINE CALIF LONE PINE DAIRY          5318550270491200821 4 03 31 66 4302023
   131I=9.0E01          137CS=2.0E01     K=1.6

LONE PINE CALIF LONE PINE DAIRY          5318550270491200821 0 04 01 66 4302023
   131I=6.0E01          137CS=2.0E01     K=1.4                89SR=B
   90SR=3

LONE PINE CALIF LONE PINE DAIRY          5318550270491200825 6 04 02 66 4002023
   131I=5.0E01          137CS=1.5E01     K=1.4

LONE PINE CALIF LONE PINE DAIRY          5318550270491200825 4 04 03 66 4002023
   131I=5.0E01          137CS=2.5E01     K=1.3                89SR=5
   90SR=2

LONE PINE CALIF LONE PINE DAIRY          5318550270491200825 3 04 04 66 4002023
   131I=3.0E01          137CS=1.5E01     K=1.6

LONE PINE CALIF LONE PINE DAIRY          5318550270491100828 8 04 11 66 4002023
   144CE=2.0E1          137CS=1.5E1      K=1.0E1              89SR=B
   90SR=5

LONEPINE CALIF LONEPINE DAIRY         PM 5118550270491200998 0 05 16 66     023
   137CS=4.0E01         K=1.1E00         89SR=B               90SR=4

LONE PINE CALIF LONE PINE DAIRY       AM 5118550270491201062 0 06 16 66 8390023
   131I=2.0E01          137CS=4.5E01     K=1.3                89SR=B
   90SR=4

LOS ANGELES CALIFORNIA JESSUP FARMS      5219000370491200973 0 05 05 66      343
   137CS=1.5E01         K=1.1E00         89SR=B               90SR=2

LOS ANGELES CALIFORNIA JESSUP FARMS      5219000370491200983 1 05 06 66      343
   137CS=2.5E01         K=1.4E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.
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```
LOS ANGELES CALIFORNIA JESSUP FARMS      52190003704912009818 05 07 66      343
   137CS=2.0E01        K=1.3E00

LOS ANGELES CALIFORNIA JESSUP FARMS      52190003704912009874 05 08 66      343
   137CS=2.0E01        K=1.3E00

LOS ANGELES CALIFORNIA JESSUP FARMS      52190003704912009875 05 09 66      343
   137CS=2.5E01        K=1.4E00

LOS ANGELES CALIFORNIA JESSUP FARMS      52190003704912009909 05 10 66      343
   137CS=1.0E01        K=1.1E00

LOS ANGELES CALIFORNIA JESSUP FARMS      52190003704912009920 05 11 66      343
   137CS=2.0E01        K=1.4E00

RIVERSIDE CALIFORNIA ORANGE C DAIRY      52190003704912009842 05 06 66      345
   137CS=1.5E01        K=1.3E00

RIVERSIDE CALIFORNIA ORANGE C DAIRY      52190003704912009845 05 07 66      345
   137CS=1.0E01        K=1.3E00

MADERA CALIFORNIA QUALITY DAIRY FARMS    53194003904912008127 03 28 66 0000337
   137CS=2.0E1         K=1.5E0          89SR=B              90SR=4

MADERA CALIF QUALITY DAIRY FARMS         53194003904912008151 03 29 66 0002337
   137CS=B             K=1.0E0          89SR=B              90SR=4

MADERA CALIF QUALITY DAIRY FARMS         53194003904913008167 03 30 66 0002337
   137CS=1.0E1         K=1.4E0          89SR=B              90SR=3

MADERA CALIF QUALITY DAIRY FARMS         53194003904912008228 03 31 66 0002337
   137CS=1.5E01        K=1.5

NOTE--LT(X) DENOTES A RESULT LESS THAN X.
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```
MADERA CALIF QUALITY DAIRY FARMS          5319400390491200822904 01 66 0002337
   137CS=1.5E01        K=1.6              89SR=B              90SR=4

MADERA CALIF QUALITY DAIRY FARMS          5319400390491200828204 03 66 0002337
   137CS=2.0E1         K=1.3E0           89SR=B              90SR=4

MADERA CALIFORNIA QUALITY DAIRY FARMS     5319400370491200828904 05 66 0002337
   137CS=2.0E1         K=1.3E0           89SR=B              90SR=3

SALINAS CALIF PATTEE DAIRY                5321500530491200828004 02 66 0002000
   137CS=2.0E1         K=1.2E0           89SR=B              90SR=4

NEWHALL CALIFORNIA BURBANK CREAMERY       5322600370491200810703 28 66 0002342
   137CS=5.0E00        K=1.6             89SR=B              90SR=C

NEWHALL CALIF BURBANK CREAMERY            5322600370491200813103 29 66 0002342
   137CS=5.0E00        K=1.5

NEWHALL CALIF BURBANK CREAMERY            5322600370491200815203 30 66 0002342
   137CS=1.0E1         K=1.5E0           89SR=B              90SR=4

NEWHALL CALIF BURBANK CREAMERY            5322600370491200819503 31 66 0002342
   137CS=1.0E01        K=1.5

NEWHALL CALIF BURBANK CREAMERY            5322600370491200823704 01 66 0002342
   137CS=5.0E00        K=1.5             89SR=B              90SR=2

NEWHALL CALIFORNIA BURBANK CREAMERY       5222600370491200977805 05 66      342
   137CS=6.0E01        K=1.3E00

NEWHALL CALIFORNIA BURBANK CREAMERY       5222600370491200977405 06 66      342
   137CS=5.0E00        K=1.5E00
```

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

OLANCHA CALIFORNIA HAYHURST RANCH				532375027049130080 31	03	26	66	EP4A020
137CS=2.0E1	K=1.7E0			89SR=B		90SR=7		
OLANCHA CALIFORNIA HAYHURST RANCH				532375027049130080 93	03	27	66	EP4A020
137CS=1.5E01	K=1.5			89SR=B		90SR=7		
OLANCHA CALIFORNIA HAYHURST RANCH				532375027049130080 92	03	28	66	EP4A020
137CS=1.0E01	K=1.6			89SR=B		90SR=7		
OLANCHA CALIFORNIA HAYHURST RANCH				532375027049130081 14	03	29	66	1302020
137CS=1.5E01	K=1.5			89SR=B		90SR=5		
OLANCHA CALIFORNIA HAYHURST RANCH				532375027049130081 39	03	30	66	1902020
137CS=1.0E01	K=1.5			89SR=B		90SR=4		
OLANCHA CALIFORNIA HAYHURST RANCH				532375027049130081 64	03	31	66	1902020
137CS=1.0E1	K=1.4E0							
OLANCHA CALIFORNIA HAYHURST RANCH				532375027049130082 11	04	01	66	1302020
137CS=1.5E01	K=1.5			89SR=B		90SR=4		
OLANCHA CALIFORNIA HAYHURST RANCH			AM	512375027049130099 77	05	16	66	020
137CS=1.5E01	K=1.5E00			89SR=B		90SR=5		
OLANCHA CALIFORNIA HAYHURST RANCH			AM	512375027049130106 19	06	16	66	6370020
137CS=1.0E01	K=1.5			89SR=B		90SR=3		
RIVERSIDE CALIFORNIA ORANGE C DAIRY				522870065049120097 33	05	04	66	345
137CS=1.0E01	K=1.7E00			89SR=B		90SR=2		
RIVERSIDE CALIFORNIA ORANGE C DAIRY				522870065049120097 82	05	05	66	345
137CS=1.5E01	K=1.3E00							

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

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RIVERSIDE CALIFORNIA ORANGE C DAIRY      52287006504912009876 05 08 66      345
   137CS=2.0E01        K=1.2E00

RIVERSIDE CALIFORNIA ORANGE C DAIRY      52287006504912009912 05 09 66      345
   137CS=5.0E00        K=1.4E00

SALINAS CALIF PATTEE DAIRY               53295005304912008233 03 29 66 0002000
   K=1.5

SALINAS CALIF PATTEE DAIRY               53295005304912008196 03 30 66 0002000
   137CS=1.0E01        K=1.4               89SR=B              90SR=4

SAN LUIS OBISPO CALIF FOREMOST DAIRY     53310007904912008A129 03 28 66 0002335
   K=1.5

SAN LUIS OBISPO CALIF FOREMOST DAIRY     53310007904912008153 03 29 66 0002335
   137CS=B             K=1.5E0

SAN LUIS OBISPO CALIF FOREMOST DAIRY     53310007904912008188 03 30 66 0002335
   K=1.5               89SR=B              90SR=4

SAN LUIS OBISPO CALIF FOREMOST DAIRY     53310007904912008240 03 31 66 0002335
   K=1.6

SAN LUIS OBISPO CALIF FOREMOST DAIRY     53310007904912008239 04 01 66 0002335
   137CS=1.0E01        K=1.5               89SR=B              90SR=7

SAN LUIS OBISPO CALIF FOREMOST DAIRY     53310007904912008235 04 02 66 0002335
   137CS=1.0E01        K=1.5

SAN LUIS OBISPO CALIF FOREMOST DAIRY     53310007904912008268 04 03 66 0002335
   137CS=1.0E1         K=1.5E0             89SR=B              90SR=2

NOTE--LT(X) DENOTES A RESULT LESS THAN X.
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SAN LUIS OBISPO CALIF FOREMOST DAIRY 53310007904912008276 04 04 66 0002335
137CS=1.0E1 K=1.3E0 89SR=B 90SR=3

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

COLORADO MILK-JAN. 01, 1966 TO JUNE 30, 1966

ALAMOSA COLORADO ALAMOSA MILK CO 137CS=2.0E01 K=1.8E00	52001000305812008972	04 29 66	211
ALAMOSA COLORADO ALAMOSA MILK CO 137CS=2.0E01 K=1.5E00	52001000305812009326	04 30 66	211
ALAMOSA COLORADO ALAMOSA MILK CO 137CS=2.0E01 K=1.3E00	52001000305812009691	05 03 66	211
ALAMOSA COLORADO ALAMOSA MILK CO 137CS=1.0E01 K=1.2E00	52001000305812009687	05 04 66	211
BRUSH COLORADO MCLAGEN BROS CREAMERY 137CS=1.0E01 K=1.2E00	52007008705812008980	04 27 66	203
BRUSH COLORADO MCLAGAN BROS CREAMERY 137CS=5.5E01 K=2.1	52007008705812009111	04 28 66	203
BRUSH COLORADO MCLAGEN BROS CREAMERY 137CS=4.5E01 K=1.4	52007008705812009114	04 29 66	203
BRUSH COLORADO MCLAGAN BROS CRMY 137CS=5.0E00 K=1.0	52007008705812009584	04 30 66	203
BRUSH COLORADO MCLAGAN BROS CRMY 137CS=8 K=1.6E00	52007008705812009583	05 01 66	203
BRUSH COLORADO MCLAGEN BROS CRMY 137CS=3.0E01 K=1.4E00	52007008705812009686	05 02 66	203
CANON CITY COLORADO MONARCH DAIRY 137CS=1.5E01 K=1.4E00	52008004305812008945	04 26 66	207

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

COLORADO MILK-JAN. 01, 1966 TO JUNE 30, 1966

CANON CITY COLORADO MONARCH DAIRY	52008004305812009500	04	29	66		207
137CS=1.5E01 K=1.5E00						
COLORADO SPRINGS COLORADO SENTON DAIRY	52009004105812008976	04	28	66		208
137CS=3.0E01 K=1.6E00						
COLORADO SPRINGS COLORADO SENTON DAIRY	52009004105812009511	04	30	66		208
137CS=1.0E01 K=1.5E00						
COLORADO SPRINGS COLORADO SENTON DAIRY	52009004105812009505	05	01	66		208
137CS=2.0E01 K=1.5E00	89SR=8				90SR=10	
COLORADO SPRINGS COLORADO SENTON DAIRY	52009004105812009518	05	02	66		208
137CS=2.5E01 K=1.6E00						
CRAIG COLORADO	52012008105812009924	05	11	66		201
137CS=3.0E01 K=1.1E00						
CRAIG COLORADO YAMPA VALLEY DAIRY	52012008105812009126	04	28	66		201
137CS=1.0E01 K=1.2						
CRAIG COLORADO YAMPA VALLEY DAIRY	52012008105812009690	05	01	66		201
137CS=3.0E01 K=1.4E00						
CRAIG COLORADO YAMPA VALLEY DAIRY	52012008105812009816	05	04	66		201
137CS=1.5E01 K=1.3E00						
CRAIG COLORADO YAMPA VALLEY DAIRY	52012008105812009921	05	08	66		201
137CS=2.0E01 K=1.3E00						
CRAIG COLORADO YAMPA VALLEY DAIRY	52012008105812009922	05	09	66		201
137CS=2.0E01 K=1.1E00						

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

COLORADO MILK-JAN. 01, 1966 TO JUNE 30, 1966

DELTA COLORADO ARDEN MEADOW GOLD		52013002905812008721	04 27 66	206
137CS=5.0E00	K=1.1			
DELTA COLORADO ARDEN MEADOW GOLD		52013002905812009115	04 28 66	206
137CS=3.0E01	K=1.5			
DELTA COLORADO ARDEN MEADOW GOLD		52013002905812009328	04 29 66	206
137CS=2.5E01	K=1.6E00			
DURANGO COLORADO CLOVER RICH DAIRY		52016006705812009112	04 28 66	209
137CS=1.5E01	K=1.5			
DURANGO COLORADO CLOVER RICH DAIRY		52016006705812009176	04 29 66	209
137CS=2.0E01	K=1.4			
DURANGO COLORADO CLOVER RICH DAIRY		52016006705812009573	04 30 66	209
137CS=1.5E01	K=1.4E00			
DURANGO COLORADO CLOVER RICH DAIRY		52016006705812009499	05 01 66	209
137CS=2.0E01	K=1.4E00	89SR=B	90SR=11	
DURANGO COLORADO CLOVER RICH DAIRY	PM	52016006705812009619	05 02 66	209
K=1.2	89SR=B	90SR=14		
DURANGO COLORADO CLOVER RICH DAIRY		52016006705812009688	05 03 66	209
137CS=2.5E01	K=1.6E00			
FT COLLINS COLORADO POUDRE VAL CRM		52020006905812008551	04 27 66	202
137CS=3.5E01	K=1.5E00			
FT COLLINS COLORADO POUDRE VAL CRM		52020006905812008947	04 28 66	202
137CS=4.0E01	K=1.3E00			

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

COLORADO MILK-JAN. 01, 1966 TO JUNE 30, 1966

FT COLLINS COLORADO POUDRE VALLEY CRM	52020006905812009508	04	29	66		202
137CS=4.0E01 K=1.6E00						
FT COLLINS COLORADO POUDRE VALLEY CRM	52020006905812009501	04	30	66		202
137CS=B K=1.6E00						
FT COLLINS COLORADO POUDRE VALLEY CRM	52020006905812009516	05	01	66		202
137CS=2.5E01 K=1.4E00	89SR=B				90SR=10	
FT COLLINS COLORADO POUDRE VALLEY CRM	52020006905812009514	05	02	66		202
137CS=3.5E01 K=1.2E00	89SR=B				90SR=10	
FT COLLINS COLORADO POUDRE VALLEY CRM	52020006905812009623	05	03	66		202
137CS=4.5E01 K=1.4E00						
FT COLLINS COLORADO POUDRE VALLEY CRM	52020006905812009768	05	04	66		202
137CS=3.0E01 K=1.2E00						
GLENWOOD SPRINGS COLORADO	52022004505812008537	04	26	66		204
137CS=4.0E1 K=1.5E0						
GLENWOOD SPRINGS COLORADO GLEN SPRGS CR	52022004505812008715	04	27	66		204
137CS=3.5E01 K=1.4						
GLENWOOD SPRINGS COLORADO GLEN SPGS CR	52022004505812009348	04	28	66		204
137CS=4.0E01 K=1.4E00						
GLENWOOD SPRINGS COLORADO GLEN SPGS D	52022004505812009327	04	29	66		204
137CS=3.5E01 K=1.3E00						
GLENWOOD SPRINGS COLORADO CREAMERY	52022004505812009727	05	03	66		204
137CS=4.0E01 K=1.6E00						

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

COLORADO MILK-JAN. 01, 1966 TO JUNE 30, 1966

GRAND JCT COLORADO CLYMER ROSE DAIRY 52024007705812008717 04 26 66 205
K=1.5

GRAND JCT COLORADO CLYMER ROSE DAIRY 52024007705812008982 04 27 66 205
137CS=2.0E01 K=1.1E00

GRAND JCT COLORADO CLYMER ROSE DAIRY 52024007705812009629 04 29 66 205
137CS=1.5E01 K=1.2 89SR=B 90SR=10

GRAND JCT COLORADO CLYMER ROSE DAIRY 52024007705812009628 05 01 66 205
K=1.2

GRAND JCT COLORADO CLYMER ROSE DAIRY 52024007705812009626 05 02 66 205
137CS=1.0E01 K=1.1E00

MONTE VISTA COLORADO SUNRISE CREAMERY 52038010505812009123 04 29 66 210
137CS=1.0E01 K=1.1

ROCKYFORD COLORADO ROCKYFORD CREAMERY 52042008905812008553 04 27 66 213
K=1.5E00 89SR=B 90SR=6

ROCKY FORD COLORADO ROCKY FORD CREAMERY 52042008905812008730 04 28 66 213
137CS=2.0E01 K=1.4

ROCKY FORD COLORADO ROCKY FORD CREAMERY 52042008905812009178 04 29 66 213
K=1.4

ROCKY FORD COLORADO ROCKY FORD CREAMERY 52042008905812009180 04 30 66 213
K=1.6

ROCKY FORD COLORADO ROCKY FORD CRM 52042008905812009351 04 30 66 213
137CS=1.5E01 K=1.3E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

COLORADO MILK-JAN. 01, 1966 TO JUNE 30, 1966

ROCKY FORD COLORADO ROCKY FORD CRM 137CS=2.0E01 K=1.3E00	52042008905812009504	05	02	66	213
ROCKY FORD COLORADO ROCKY FORD CRM 137CS=5.0E00 K=1.4E00	52042008905812009685	05	02	66	213
TRINIDAD COLORADO PETRAMALA DAIRY K=1.5E00	52048007105812008546	04	27	66	212
TRINIDAD COLORADO PETRAMALA DAIRY 137CS=1.0E01 K=1.8E00	52048007105812008983	04	28	66	212
TRINIDAD COLORADO PETRAMALA DAIRY 137CS=1.0E01 K=1.4	52048007105812009107	04	29	66	212
TRINIDAD COLORADO PETRAMALA DAIRY 137CS=B K=1.5E00	52048007105812009329	04	30	66	212
TRINIDAD COLORADO PETRAMALA DAIRY 137CS=7.5E01 K=1.4E00	52048007105812009479	05	01	66	212
TRINIDAD COLORADO PETRAMALA DAIRY 137CS=3.0E01 K=1.4E00	52048007105812009635	05	03	66	212

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

IDAHO MILK-JAN. 01 1966 TO JUNE 30, 1966 COLLECTED

BLACKFOOT IDAHO CAMMACK DAIRY		52002001111812008539 04 26 66	230
137CS=1.0E01	5=1.6E00		
BLACKFOOT IDAHO CAMMACK DAIRY		52002001111812008544 04 27 66	230
137CS=2.5E01	K=1.2E00		
BLACKFOOT IDAHO CAMMACK DAIRY		52002001111812008727 04 28 66	230
137CS=6.5E01	K=1.4		
BUHL IDAHO SMITH DAIRY		52004008311812008548 04 26 66	226
137CS=2.5E1	K=1.6E0		
BUHL IDAHO SMITH DAIRY		52004008311812008614 04 27 66	226
137CS=4.5E01	K=1.7E00		
BUHL IDAHO SMITH DAIRY		52004008311812008942 04 28 66	226
137CS=2.5E01	K=1.2E00		
BUHL IDAHO SMITH DAIRY		52004008311812009171 04 29 66	226
137CS=5.5E01	K=1.5		
BUHL IDAHO SMITH DAIRY		52004008311812009421 04 30 66	226
137CS=2.0E01	K=1.4E00		
BUHL IDAHO SMITH DAIRY		52004008311812009528 05 02 66	226
137CS=2.0E01	K=1.6E00		
BURLEY IDAHO WYMORE DAIRY		52005000311812008550 04 26 66	228
137CS=2.5E01	K=1.5E00		
BURLEY IDAHO WYMORE DAIRY		52005000311812008728 04 27 66	228
137CS=4.5E01	K=1.4		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

IDAHO MILK-JAN. 01 1966 TO JUNE 30, 1966 COLLECTED

BURLEY IDAHO WYMORE DAIRY	52005000311812008981 04 28 66		228
137CS=5.5E01 K=1.6E00			
BURLEY IDAHO WYMORE DAIRY	52005000311812009324 04 29 66		228
137CS=4.0E01 K=1.3E00			
BURLEY IDAHO WYMORE DAIRY	52005000311812009463 04 30 66		228
137CS=4.0E01 K=1.2E00			
BURLEY IDAHO WYMORE DAIRY	52005000311812009581 05 02 66		228
137CS=5.5E01 K=1.4E00			
BURLEY IDAHO WYMORE DAIRY	52005000311812009621 05 03 66		228
137CS=4.0E01 K=1.4			
COEUR D'ALENE IDAHO D'ALENE DAIRY	52007005511812009168 04 26 66		221
137CS=6.5E01 K=1.4			
COEUR D'ALENE IDAHO D'ALENE DAIRY	52007005511812009170 04 27 66		221
137CS=7.0E01 K=1.5			
COEUR D'ALENE IDAHO D'ALENE DAIRY	52007005511812009639 04 28 66		221
137CS=6.0E01 K=1.4E00			
COEUR D'ALENE IDAHO D'ALENE DAIRY	52007005511812009637 04 29 66		221
137CS=8.0E01 K=1.8E00			
COEUR D'ALENE IDAHO D'ALENE DAIRY	52007005511812009636 04 30 66		221
137CS=5.5E01 K=1.4E00			
GRANGEVILLE IDAHO GRANGEVILLE CO	51012004911812007550 02 14 66		203
137CS=3.0E1 K=1.4E0	89SR=8	90SR=11	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

IDAHO MILK-JAN. 01 1966 TO JUNE 30, 1966 COLLECTED

GRANGEVILLE IDAHO GRANGEVILLE CO		52012004911812008997 04 27 66	203
137CS=1.0E01	K=1.1E00	89SR=B	90SR=29
GRANGEVILLE IDAHO GRANGEVILLE CO		52012004911812009184 04 29 66	203
137CS=7.5E01	K=1.2	89SR=B	90SR=15
GRANGEVILLE IDAHO GRANGEVILLE CO		52012004911812008718 04 27 66	223
137CS=7.5E01	K=1.5		
GRANGEVILLE IDAHO GRANGEVILLE CO		52012004911812009630 05 01 66	203
137CS=7.0E01	K=1.5	89SR=B	90SR=20
GRANGEVILLE IDAHO GRANGEVILLE CO		52012004911812009689 05 02 66	283
137CS=6.5E01	K=1.6E00		
GRANGEVILLE IDAHO GRANGEVILLE CO		52012004911812009752 05 04 66	203
137CS=7.0E01	K=1.4E00		
GRANGEVILLE IDAHO GRANGEVILLE CO		52012004911812009756 05 04 66	203
137CS=8.0E01	K=1.4E00		
IDAHO FALLS IDAHO WALLACE DAIRY		52013001911812008720 04 26 66	231
137CS=5.0E01	K=1.6		
IDAHO FALLS IDAHO WALLACE DAIRY		52013001911812009368 04 29 66	231
141CE=1.0E02	131I=7.0E01	137CS=3.0E01	K=1.5E00
IDAHO FALLS IDAHO WALLACE DAIRY		52013001911812009586 05 02 66	231
131I=3.0E01	137CS=5.5E01	K=1.0E00	89SR=B
90SR=10			
IDAHO FALLS IDAHO WALLACE DAIRY		52013001911812009923 05 10 66	231
137CS=3.0E01	K=1.2E00		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

IDAHO MILK-JAN. 01 1966 TO JUNE 30, 1966 COLLECTED

IDAHO FALLS IDAHO WALLACE DAIRY	PM	52013001911812009941	05 11 66	231
137CS=3.5E01 K=1.0E00				
IDAHO FALLS IDAHO WALLACE DAIRY	PM	52013001911812009940	05 13 66	231
137CS=2.5E01 K=1.4E00				
IDAHO FALLS IDAHO WALLACE DAIRY	AM	52013001911812010012	05 17 66	231
137CS=4.0E01 K=1.2E00				
IDAHO FALLS IDAHO WALLACE DAIRY	AM	52013001911812010011	05 18 66	231
137CS=1.5E01 K=1.1		89SR=B 90SR=13		
JEROME IDAHO IDA GEM DAIRYMEN		52014005311812008540	04 26 66	227
137CS=3.0E01 K=1.6E00				
JEROME IDAHO IDA GEM DAIRYMEN		52014005311812008616	04 27 66	227
K=1.2E00				
JEROME IDAHO IDA GEM DAIRYMEN		52014005311812008944	04 28 66	227
137CS=1.0E01 K=1.1E00				
JEROME IDAHO IDA GEM DAIRYMEN		52014005311812009182	04 29 66	227
137CS=2.5E01 K=1.3		89SR=B 90SR=10		
JEROME IDAHO IDA GEM DAIRYMEN		52014005311812009323	04 30 66	227
137CS=3.5E01 K=1.4E00				
LEWISTON IDAHO GOLDEN GRAIN		52016006911812008716	04 25 66	222
137CS=3.0E01 K=1.7				
LEWISTON IDAHO GOLDEN GRAIN		52016006911812008975	04 28 66	222
137CS=B K=1.6E00				

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

IDAHO MILK-JAN. 01 1966 TO JUNE 30, 1966

			COLLECTED
LEWISTON IDAHO GOLDEN GRAIN		52016006911812008970 04 29 66	222
137CS=8	K=1.8E00		
LEWISTON IDAHO GOLDEN GRAIN		52016006911812009512 04 29 66	222
137CS=3.5E01	K=1.6E00		
LEWISTON IDAHO GOLDEN GRAIN		52016006911812009498 05 01 66	222
137CS=1.5E01	K=1.5E00		
LEWISTON IDAHO GOLDEN GRAIN		52016006911812009706 05 02 66	222
137CS=4.5E01	K=1.5E00		
MTN HOME IDAHO CLOVER HOLLOW DAIRY		52020003911812008552 04 26 66	225
137CS=3.5E01	K=1.1E00		
POCATELLO IDAHO WARDS DAIRY		52024000511812008423 04 26 66	229
137CS=4.0E01	K=1.6	NOCHEM	
POCATELLO IDAHO WARDS DAIRY		52024000511812008545 04 27 66	229
137CS=1.5E01	K=1.3E00		
POCATELLO IDAHO WARDS DAIRY		52024000511812008724 04 28 66	229
137CS=1.5E01	K=1.5		
POCATELLO IDAHO WARDS DAIRY		52024000511812008984 04 29 66	229
137CS=5.0E01	K=1.6E00		
POCATELLO IDAHO WARDS DAIRY		52024000511812009325 04 30 66	229
137CS=3.5E01	K=1.7E00	89SR=8 90SR=10	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA 530140017279120074402 04 66 NR28050
137CS=2.5E1 K=1.5E0 89SR=B 90SR=2

ALAMO NEVADA SHARP RANCH 520140017279130083770 4 26 66 000
131I=1.6E03 133I=7.3E03 135I=6.3E03 89SR=B
90SR=5

ALAMO NEVADA SHARP RANCH 520140017279130084320 4 26 66 000
131I=1.0E03 133I=5.5E03 132I=6.4E02 135I=2.4E03

ALAMO NEVADA SHARP RANCH 520140017279130084310 4 27 66 000
131I=2.0E03 133I=7.8E03 132I=2.3E02 135I=1.7E03

ALAMO NEVADA SHARP RANCH 520140017279130086250 4 27 66 000
141CE=2.07E03 131I=8.4E02 133I=2.37E03

ALAMO NEVADA SHARP RANCH 520140017279130087850 4 28 66 000
131I=5.7E02 133I=8.4E02 137CS=4.5E01 K=1.6
89SR=5 90SR=3

ALAMO NEVADA SHARP RANCH 520140017279130086200 4 28 66 000
141CE=9.4E02 131I=2.11E03 133I=5.10E03 89SR=5
90SR=3

ALAMO NEVADA SHARP RANCH 520140017279130087860 4 29 66 000
131I=1.83E03 133I=1.81E03

ALAMO NEVADA SHARP RANCH 520140017279130090010 4 30 66 000
141CE=7.1E02 131I=1.29E03 133I=6.5E02 137CS=9.0E01
K=2.0E00 89SR=5 90SR=3

ALAMO NEVADA SHARP RANCH 520140017279130090080 4 30 66 000
141CE=9.5E02 131I=1.43E03 133I=7.0E02 137CS=9.0E01
K=2.2E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA SHARP RANCH 52014001727913009203 04 30 66 000
131I=1.46E03 133I=4.8E02 137CS=1.1E02 K=2.2
89SR=5 90SR=3

ALAMO NEVADA SHARP RANCH 52014001727913009206 05 01 66 000
141CE=5.2E02 131I=1.24E03 133I3.2E02 137CS=1.6E02
K=1.9

ALAMO NEVADA SHARP RANCH 52014001727913009364 05 01 66 000
141CE=1.2E02 131I=7.8E02 133I=1.8E02 137CS=5.0E01
K=1.7E00

ALAMO NEVADA SHARP RANCH 52014001727913009359 05 02 66 000
141CE=2.7E02 131I=8.0E02 133I=1.1E02 137CS=8.0E01
K=1.9E00 89SR=5 90SR=5

ALAMO NEVADA SHARP RANCH 52014001727913009534 05 03 66 000
141CE=1.2E02 131I=4.7E02 137CS=5.5E02 K=1.7E00

ALAMO NEVADA SHARP RANCH 52014001727913009535 05 03 66 000
141CE=8.7E02 131I=5.7E02 137CS=3.0E01 K=1.9E00
89SR=5 90SR=4

ALAMO NEVADA SHARP RANCH 52014001727913009642 05 04 66 000
141CE=8.0E01 131I=5.2E02 137CS=6.0E01 K=1.5E00
89SR=5 90SR=4

ALAMO NEVADA SHARP RANCH 52014001727913009745 05 05 66 000
141CE=1.7E02 131I=2.7E02 137CS=5.0E01 K=1.2E00

ALAMO NEVADA SHARP RANCH 52014001727913009717 05 05 66 000
141CE=2.0E01 131I=4.3E02 137CS=6.5E01 K=1.4E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA SHARP RANCH 52014001727913009742 05 06 66 000
141CE=1.7E02 131I=2.5E02 137CS=7.0E01 K=1.4E00

ALAMO NEVADA SHARP RANCH 52014001727913009786 05 07 66 000
141CE=1.5E02 131I=1.9E02 137CS=3.0E01 K=1.0E00

ALAMO NEVADA SHARP RANCH 52014001727913009814 05 08 66 000
141CE=5.0E01 131I=1.9E02 137CS=4.0E01 K=1.3E00

ALAMO NEVADA SHARP RANCH 52014001727913009870 05 09 66 000
141CE=9.0E01 131I=1.2E02 137CS=2.0E01 K=1.2E00

ALAMO NEVADA SHARP RANCH 52014001727913009885 05 10 66 000
137CS=2.5E01 K=1.2E00 89SR=B 90SR=5

ALAMO NEVADA SHARP RANCH AM 52014001727913009951 05 11 66 000
137CS=2.0E01 K=1.4E00 89SR=B 90SR=5

ALAMO NEVADA SHARP RANCH AM 52014001727913009949 05 12 66 000
131I=6.0E01 137CS=2.5E01 K=1.1E00 89SR=B
90SR=6

ALAMO NEVADA SHARP RANCH AM 52014001727913009944 05 13 66 000
131I=8.0E01 137CS=3.0E01 K=1.3E00 89SR=B
90SR=7

ALAMO NEVADA SHARP RANCH AM 52014001727913010024 05 25 66 000
131I=5.0E01 137CS=2.0E01 K=1.4E00 89SR=25
90SR=5

ALAMO NEVADA MANN RANCH 52014001727913009207 04 30 66 001
K=1.6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA MANN RANCH		52014001727913009188	05	01	66		001	
137CS=3.0E01	K=1.6							
ALAMO NEVADA MANN RANCH		52014001727913009363	05	01	66		001	
137CS=2.0E01	K=1.2E00							
ALAMO NEVADA MANN RANCH		52014001727913009360	05	02	66		001	
137CS=3.0E01	K=1.8E00							
ALAMO NEVADA MANN RANCH		52014001727913009543	05	02	66		001	
137CS=8	K=1.4E00							
ALAMO NEVADA MANN RANCH		52014001727913009540	05	03	66		001	
137CS=3.5E01	K=1.5E00							
ALAMO NEVADA MANN RANCH		52014001727913009644	05	03	66		001	
137CS=2.0E01	K=1.4E00							
ALAMO NEVADA MANN RANCH		52014001727913009721	05	04	66		001	
137CS=2.5E01	K=1.5E00							
ALAMO NEVADA MANN RANCH		52014001727913009640	05	04	66		001	
137CS=2.0E01	K=1.6E00							
ALAMO NEVADA MANN RANCH		52014001727913009718	05	05	66		001	
137CS=8	K=1.1E00							
ALAMO NEVADA STEWARTS DAIRY		51013001727912007410	01	26	66		078	
K=1.8E0	89SR=B	90SR=4						
ALAMO NEVADA STEWARTS DAIRY		53014001727912007906	03	17	66	NRXTEP4		
K=1.5E0	SR89=B	SR90=3						

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA STEWARTS DAIRY 530140017279120079810 3 21 66 EP4A
137CS=2.0E1 K=1.2E0 89SR=B 90SR=4

ALAMO NEVADA STEWARTS DAIRY 510140017279120081840 3 29 66
137CS=3.5E1 K=1.3E0 89SR=B 90SR=3

ALAMO NEVADA STEWARTS DAIRY AM 530140017279120107470 6 22 66
K=1.4 SR89=B SR90=3

ALAMO NEVADA LEO STEWART DAIRY 520140017279120083480 4 25 66 077
131I=7.0E01 133I=2.4E02 137CS=4.0E01 135I=1.8E02
K=1.5 89SR=B 90SR=6

ALAMO NEVADA LEO STEWART DAIRY 520140017279120083580 4 26 66 077
131I=6.0E01 133I=2.8E02 137CS=4.5E01

ALAMO NEVADA LEO STEWART DAIRY 520140017279120084290 4 26 66 077
131I=5.0E01 133I=4.0E02 137CS=2.5E01 K=2.3

ALAMO NEVADA LEO STEWART DAIRY 520140017279120086150 4 27 66 077
131I=4.0E01 133I=1.1E02 137CS=2.5E01 K=1.4

ALAMO NEVADA LEO STEWART DAIRY 520140017279120084250 4 27 66 077
131I=2.7E02 133I=8.5E02 137CS=4.5E01 K=1.9
89SR=B 90SR=6

ALAMO NEVADA LEO STEWART DAIRY 520140017279120087870 4 28 66 077
131I=2.2E02 133I=2.7E02 137CS=2.5E01 K=1.5

ALAMO NEVADA LEO STEWART DAIRY 520140017279120086140 4 28 66 077
141CE=2.5E02 131I=1.9E02 133I=4.0E02 K=1.4
89SR=B 90SR=8

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009009 04 29 66 077
141CE=4.0E01 131I=6.0E01 133I=4.0E01 137CS=3.5E01
K=1.5E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912008788 04 29 66 077
131I=1.0E02 133I=1.0E02 137CS=4.5E01 K=1.9

ALAMO NEVADA LEO STEWART DAIRY 52014001727912008998 04 30 66 077
141CE=1.0E02 131I=6.0E01 137CS=4.0E01 K=1.6E00
89SR=B 90SR=7

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009136 04 30 66 077
131I=3.0E01 137CS=5.0E01 K=1.6 89SR=B
90SR=7

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009208 05 01 66 077
137CS=3.0E01 K=1.5

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009369 05 02 66 077
137CS=3.5E01 K=1.6E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009551 05 02 66 077
137CS=B K=1.6E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009533 05 03 66 077
137CS=3.5E01 K=1.6E00 89SR=B 90SR=7

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009646 05 03 66 077
137CS=4.0E01 K=1.6E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009723 05 04 66 077
131I=1.0E02 137CS=3.5E01 K=1.5E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009649 05 04 66 077
131I=1.3E02 137CS=5.0E01 K=1.6E00

ALAMO NEVADA M K STEWART DAIRY 52014001727912009713 05 04 66 077
137CS=B K=1.6E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009715 05 05 66 077
131I=9.0E01 137CS=3.5E01 K=1.9E00 89SR=B
90SR=4

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009739 05 05 66 077
137CS=4.5E01 K=1.3E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009741 05 06 66 077
131I=2.0E01 137CS=4.0E01 K=1.2E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009772 05 06 66 077
131I=4.0E01 137CS=5.0E01 K=1.1E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009832 05 07 66 077
131I=1.0E02 137CS=1.5E01 K=1.0E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009785 05 07 66 077
131I=1.6E02 137CS=5.5E01 K=1.3E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009819 05 08 66 077
131I=1.1E02 137CS=3.0E01 K=1.5E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009864 05 08 66 077
131I=7.0E01 137CS=3.5E01 K=1.4E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009866 05 09 66 077
137CS=1.5E01 K=1.0E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009886 05 09 66 077
137CS=2.0E01 K=1.2E00

ALAMO NEVADA LEO STEWART DAIRY 52014001727912009889 05 10 66 077
131I=2.0E01 137CS=3.0E01 K=1.4E00

ALAMO NEVADA LEO STEWART DAIRY AM 52014001727912009956 05 11 66 077
137CS=2.5E01 K=1.3E00

ALAMO NEVADA LEO STEWART DAIRY AM 52014001727912009948 05 12 66 077
137CS=2.0E01 K=1.2E00

ALAMO NEVADA LEO STEWART DAIRY AM 52014001727912009947 05 13 66 077
137CS=4.0E01 K=1.2E00 89SR=B 90SR=9

ALAMO NEVADA STEWARTS DAIRY 51014001727912007662 03 01 66 8430078
137CS=2.5E1 K=1.4E0 89SR=B 90SR=3

ALAMO NEVADA M. K. STEWART DAIRY 52014001727912008345 04 25 66 078
133I=9.0E01 137CS=3.5E01 135I=1.2E02 K=1.6
89SR=B 90SR=4

ALAMO NEVADA M. K. STEWART DAIRY 52014001727912008359 04 26 66 078
131I=3.0E01 133I=1.3E02 137CS=1.5E01 K=1.7

ALAMO NEVADA M K STEWART DAIRY 52014001727912008424 04 26 66 078
133I=6.0E01 K=1.5

ALAMO NEVADA M K STEWART DAIRY 52014001727912008619 04 27 66 078
141CE=1.5E02 131I=2.8E02 133I=8.7E02 137CS=4.0E01
K=1.8

ALAMO NEVADA M K STEWART DAIRY 52014001727912008434 04 27 66 078
131I=1.7E02 133I=6.3E02 137CS=5.0E01 K=1.4

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966

			COLLECTED
ALAMO NEVADA M K STEWART DAIRY		52014001727912008801 04 28 66	078
131I=5.9E02	133I=7.7E02	137CS=7.5E02	K=1.6
ALAMO NEVADA M K STEWART DAIRY		52014001727912008624 04 28 66	078
141CE=5.0E02	131I=3.4E02	133I=6.1E02	K=1.6
ALAMO NEVADA M K STEWART DAIRY		52014001727912008999 04 29 66	078
141CE=6.0E02	131I=3.0E02	137CS=5.0E01	K=1.6E00
ALAMO NEVADA M K STEWART DAIRY		52014001727912008792 04 29 66	078
131I=5.0E02	133I=4.7E02	137CS=4.5E01	K=1.4
ALAMO NEVADA M K STEWART DAIRY		52014001727912009007 04 30 66	078
141CE=6.0E01	131I=1.9E02	133I=1.0E02	137CS=7.5E01
K=1.7E00	89SR=B	90SR=4	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009137 04 30 66	078
131I=1.5E02	133I=7.0E01	K=1.6	89SR=B
90SR=4			
ALAMO NEVADA M K STEWART DAIRY		52014001727912009187 05 01 66	078
131I=8.0E01	133I=2.0E01	137CS=4.5E01	K=1.6
ALAMO NEVADA M K STEWART DAIRY		52014001727912009336 05 01 66	078
137CS=3.5E01	K=1.6E00		
ALAMO NEVADA M K STEWART DAIRY		52014001727912009367 05 02 66	078
137CS=5.0E01	K=1.6E00		
ALAMO NEVADA M K STEWART DAIRY		52014001727912009548 05 02 66	078
131I=3.0E01	137CS=3.0E01	K=1.4E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009545 05 03 66	078
137CS=3.0E01	K=1.5E00		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA M K STEWART DAIRY		52014001727912009641 05 03 66 078
137CS=5.0E01	K=1.1E00	89SR=B 90SR=3
ALAMO NEVADA M K STEWART DAIRY		52014001727912009654 05 04 66 078
137CS=8	K=1.1E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009716 05 05 66 078
137CS=8	K=1.6E00	89SR=B 90SR=3
ALAMO NEVADA M K STEWART DAIRY		52014001727912009740 05 05 66 078
137CS=3.5E01	K=1.2E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009737 05 06 66 078
137CS=2.0E01	K=1.1E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009789 05 06 66 078
137CS=3.0E01	K=1.5E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009788 05 07 66 078
131I=3.0E01	137CS=3.5E01	K=1.6E00
ALAMO NEVADA M K STEWART DAIRY		52014001727912009830 05 07 66 078
137CS=1.5E01	K=1.3E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009815 05 08 66 078
137CS=1.5E01	K=1.3E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009860 05 08 66 078
137CS=2.5E01	K=1.4E00	
ALAMO NEVADA M K STEWART DAIRY		52014001727912009892 05 09 66 078
137CS=1.0E01	K=1.0E00	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA M K STEWART DAIRY 52014001727912009857 05 09 66 078
137CS=1.5E01 K=1.3E00

ALAMO NEVADA M K STEWART DAIRY 52014001727912009888 05 10 66 078
137CS=2.0E01 K=1.1E00

ALAMO NEVADA M K STEWART DAIRY AM 52014001727912009952 05 11 66 078
137CS=2.5E01 K=1.3E00

ALAMO NEVADA M K STEWART DAIRY AM 52014001727912009953 05 12 66 078
131I=8.0E01 137CS=2.0E01 K=1.0E00

ALAMO NEVADA M K STEWART DAIRY AM 52014001727912009946 05 13 66 078
131I=4.0E01 137CS=1.5E01 K=1.2E00 89SR=B
90SR=4

ALAMO NEVADA M K STEWART DAIRY AM 51014001727912010106 05 24 66 078
131I=6.0E01 137CS=1.0E01 K=1.4 89SR=5
90SR=3

ALAMO NEVADA M K STEWART DAIRY PM 51014001727912010636 06 20 66 1400078
137CS=1.5E01 K=1.5 SR89=B SR90=7

ALAMO NEVADA L LEE DAIRY 52014001727912008346 04 25 66 079
131I=9.0E01 133I=2.8E02 137CS=5.0E01 135I=2.5E02
K=1.6 89SR=B 90SR=5

ALAMO NEVADA LEE DAIRY 52014001727912008410 04 26 66 079
131I=6.0E02 133I=1.9E03 132I=1.4E02 135I=6.3E02

ALAMO NEVADA L LEE DAIRY 52014001727912008360 04 26 66 079
131I=6.0E01 133I=3.4E02 137CS=6.5E01

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA L LEE DAIRY 52014001727912008532 04 27 66 079
131I=9.8E02 133I=2.5E03 89SR=B 90SR=5

ALAMO NEVADA L LEE DAIRY 52014001727912008426 04 27 66 079
131I=1.1E03 133I=3.6E03 132I=1.5E02 135I=9.6E02
89SR=B 90SR=5

ALAMO NEVADA L LEE DAIRY 52014001727912008692 04 28 66 079
131I=1.39E03 133I=1.79E03 89SR=B 90SR=6

ALAMO NEVADA L LEE DAIRY 52014001727912008622 04 28 66 079
141CE=1.64E03 131I=8.0E02 133I=1.4E03 89SR=B
90SR=6

ALAMO NEVADA L LEE DAIRY 52014001727912008965 04 29 66 079
131I=7.6E02 133I=5.40E02 89SR=B 90SR=6

ALAMO NEVADA L LEE DAIRY 52014001727912008794 04 29 66 079
131I=8.0E02 133I=7.3E02 89SR=B 90SR=6

ALAMO NEVADA L LEE DAIRY 52014001727912009004 04 30 66 079
131I=4.4E02 133I=2.6E02 89SR=B 90SR=4

ALAMO NEVADA LEE DAIRY 52014001727912009134 04 30 66 079
131I=5.3E02 133I=2.1E02 89SR=B 90SR=4

ALAMO NEVADA L LEE DAIRY 52014001727912009193 05 01 66 079
131I=6.3E02 133I=1.9E02 137CS=1.45E02 K=1.5
89SR=B 90SR=5

ALAMO NEVADA L LEE DAIRY 52014001727912009332 05 01 66 079
141CE=4.0E01 131I=6.1E02 133I=1.5E02 K=1.9E00
89SR=B 90SR=5

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA L LEE DAIRY			52014001727912009366	05 02 66	079
141CE=1.0E02	131I=4.6E02		137CS=6.0E01	K=1.6E00	
89SR=B	90SR=7				
ALAMO NEVADA L LEE DAIRY			52014001727912009542	05 02 66	079
141CE=4.0E01	131I=5.2E02		137CS=6.5E01	K=1.5E00	
89SR=B	90SR=7				
ALAMO NEVADA L LEE DAIRY			52014001727912009550	05 03 66	079
141CE=1.7E02	131I=4.5E02		137CS=3.5E01	K=1.4E00	
89SR=B	90SR=6				
ALAMO NEVADA L LEE DAIRY			52014001727912009656	05 03 66	079
141CE=1.9E02	131I=4.5E02		137CS=4.0E01	K=1.6E00	
89SR=B	90SR=6				
ALAMO NEVADA L LEE DAIRY			52014001727912009698	05 04 66	079
141CE=3.0E01	131I=3.4E02		137CS=6.0E01	K=1.5E00	
89SR=B	90SR=5				
ALAMO NEVADA L LEE DAIRY			52014001727912009650	05 04 66	079
141CE=3.9E02	131I=3.0E02		137CS=5.5E01	K=1.6E00	
89SR=B	90SR=5				
ALAMO NEVADA L LEE DAIRY			52014001727912009697	05 05 66	079
131I=2.9E02	137CS=6.0E01		K=1.4E00		
ALAMO NEVADA L LEE DAIRY			52014001727912009792	05 05 66	079
141CE=2.0E01	131I=2.6E02		137CS=5.5E01	K=1.3E00	
ALAMO NEVADA L LEE DAIRY			52014001727912009770	05 06 66	079
141CE=1.1E02	131I=2.0E02		137CS=5.5E01	K=1.2E00	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA L LEE DAIRY 52014001727912009795 05 06 66 079
141CE=1.1E02 131I=2.2E02 137CS=5.0E01 K=1.3E00

ALAMO NEVADA L LEE DAIRY 52014001727912009790 05 07 66 079
131I=2.0E02 137CS=5.0E01 K=1.4E00

ALAMO NEVADA L LEE DAIRY 52014001727912009828 05 07 66 079
131I=2.2E02 137CS=4.5E01 K=1.4E00

ALAMO NEVADA L LEE DAIRY 52014001727912009822 05 08 66 079
141CE=1.5E02 131I=1.3E02 137CS=4.0E01 K=1.1E00

ALAMO NEVADA L LEE DAIRY 52014001727912009856 05 08 66 079
131I=1.5E02 137CS=4.0E01 K=1.2E00

ALAMO NEVADA L LEE DAIRY 52014001727912009867 05 09 66 079
131I=2.1E02 137CS=4.5E01 K=1.3E00 89SR=B
90SR=8

ALAMO NEVADA L LEE DAIRY PM 52014001727912010023 05 25 66 079
131I=6.0E01 137CS=1.5E01 K=1.3E00 89SR=5
90SR=4

ALAMO NEVADA L LEE DAIRY PM 52014001727912010457 06 07 66 5902079
131I=2.0E01 137CS=1.5E01 K=1.1 89SR=5
90SR=5

ALAMO NEVADA L LEE DAIRY AM 52014001727913010531 06 13 66 079
K=1.1 89SR=15 90SR=2

ALAMO NEVADA L LEE DAIRY AM 52014001727912010597 06 17 66 079
K=1.2 89SR=B 90SR=5

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA L LEE DAIRY PM 52014001727912010650 06 20 66 1900079
131I=2.0E01 137CS=2.0E01 K=1.4 SR89=B
SR90=3

ALAMO NEVADA WRIGHT DAIRY 52014001727912008357 04 25 66 080
133I=1.0E02 137CS=1.0E01 K=1.3 89SR=B
90SR=3

ALAMO NEVADA WRIGHT DAIRY 52014001727912008354 04 26 66 080
131I=5.0E01 133I=3.3E02 137CS=4.5E01 89SR=B
90SR=3

ALAMO NEVADA WRIGHT DAIRY 52014001727912008430 04 26 66 080
131I=3.0E01 133I=1.7E02 137CS=2.0E01 K=1.6

ALAMO NEVADA WRIGHT DAIRY 52014001727912008621 04 27 66 080
K=1.7

ALAMO NEVADA WRIGHT DAIRY 52014001727912008427 04 27 66 080
133I=1.1E02 137CS=2.0E01 K=1.3

ALAMO NEVADA WRIGHT DAIRY 52014001727912008789 04 28 66 080
131I=3.0E01 137CS=1.5E01 K=1.6

ALAMO NEVADA WRIGHT DAIRY 52014001727912008623 04 28 66 080
137CS=1.0E01 K=1.2

ALAMO NEVADA WRIGHT DAIRY 52014001727912008784 04 29 66 080
137CS=3.5E01 K=1.6

ALAMO NEVADA WRIGHT DAIRY 52014001727912008996 04 29 66 080
137CS=2.5E01 K=1.7E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA WRIGHT DAIRY 52014001727912009132 04 30 66 080
K=1.4 89SR=B 90SR=3

ALAMO NEVADA WRIGHT DAIRY 52014001727912009010 04 30 66 080
137CS=2.5E01 K=1.7E00

ALAMO NEVADA WRIGHT DAIRY 52014001727912009191 05 01 66 080
K=1.4

ALAMO NEVADA WRIGHT DAIRY 52014001727912009335 05 01 66 080
137CS=1.5E01 K=1.9E00

ALAMO NEVADA WRIGHT DAIRY 52014001727912009361 05 02 66 080
141CE=5.0E01 131I=2.0E01 137CS=3.0E01 K=1.7E00

ALAMO NEVADA WRIGHT DAIRY 52014001727912009655 05 03 66 080
137CS=1.0E01 K=1.3E00

ALAMO NEVADA WRIGHT DAIRY 52014001727912009643 05 04 66 080
137CS=B K=1.5E00

ALAMO NEVADA FREHNER DAIRY 52014001727912008356 04 25 66 081
133I=8.0E01 137CS=3.0E01 K=1.6 89SR=B
90SR=5

ALAMO NEVADA FREHNER DAIRY 52014001727912008428 04 26 66 081
131I=5.0E01 133I=4.3E02 K=1.5 NOCHEM

ALAMO NEVADA FREHNER DAIRY 52014001727912008361 04 26 66 081
131I=5.0E01 133I=3.9E02 137CS=3.0E01 K=1.9
89SR=B 90SR=5

ALAMO NEVADA FREHNER DAIRY 52014001727912008617 04 27 66 081
131I=4.0E01 133I=8.0E01 137CS=2.0E01 K=1.4

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA FREHNER DAIRY 52014001727912008618 04 27 66 081
131I=4.0E01 133I=1.1E02 137CS=2.5E01 K=1.5

ALAMO NEVADA FREHNER DAIRY 52014001727912008435 04 27 66 081
131I=3.0E01 133I=1.9E02 137CS=3.0E01 K=1.5
NOCHEM

ALAMO NEVADA FREHNER DAIRY 52014001727912008790 04 28 66 081
K=1.2

ALAMO NEVADA FREHNER DAIRY 52014001727912008791 04 29 66 081
131I=5.0E01 133I=4.0E01 137CS=3.0E01 K=1.2

ALAMO NEVADA FREHNER DAIRY 52014001727912008992 04 29 66 081
137CS=2.0E01 K=1.6E00

ALAMO NEVADA FREHNER DAIRY 52014001727912009130 04 30 66 081
137CS=2.0E01 K=1.8

ALAMO NEVADA FREHNER DAIRY 52014001727912008990 04 30 66 081
137CS=3.0E01 K=1.6E00

ALAMO NEVADA FREHNER DAIRY 52014001727912009333 05 01 66 081
131I=1.0E01 137CS=1.5E01 K=1.5E00

ALAMO NEVADA FREHNER DAIRY 52014001727912009189 05 01 66 081
137CS=1.5E01 K=1.6

ALAMO NEVADA FREHNER DAIRY 52014001727912009362 05 02 66 081
137CS=B K=1.4E00

ALAMO NEVADA FREHNER DAIRY 52014001727912009546 05 02 66 081
137CS=B K=1.1E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA FREHNER DAIRY		52014001727912009547 05 03 66	081
137CS=B	K=1.5E00	89SR=B	90SR=5
ALAMO NEVADA FREHNER DAIRY		52014001727912009647 05 03 66	081
137CS=4.0E01	K=1.4E00		
ALAMO NEVADA FREHNER DAIRY		52014001727912009714 05 04 66	081
137CS=2.5E01	K=1.7E00		
ALAMO NEVADA FREHNER DAIRY		52014001727912009645 05 04 66	081
137CS=3.5E01	K=1.7E00		
ALAMO NEVADA FREHNER DAIRY		52014001727912009719 05 05 66	081
137CS=2.0E01	K=1.7E00		
ALAMO NEVADA FREHNER DAIRY		52014001727912009736 05 05 66	081
137CS=1.5E01	K=1.3E00		
ALAMO NEVADA FREHNER DAIRY		52014001727912009738 05 06 66	081
131I=5.0E01	137CS=1.0E01	K=1.4E00	
ALAMO NEVADA FREHNER DAIRY		52014001727912009771 05 06 66	081
141CE=6.0E01	131I=3.0E01	137CS=2.0E01	K=1.1E00
ALAMO NEVADA FREHNER DAIRY		52014001727912009773 05 07 66	081
131I=5.0E01	137CS=2.0E01	K=1.3E00	
ALAMO NEVADA FREHNER DAIRY		52014001727912009823 05 07 66	081
137CS=2.0E01	K=1.2E00		
ALAMO NEVADA FREHNER DAIRY		52014001727912009811 05 08 66	081
131I=5.0E01	137CS=2.0E01	K=1.8E00	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ALAMO NEVADA FREHNER DAIRY 52014001727912009861 05 08 66 081
131I=5.0E01 137CS=1.0E01 K=1.1E00

ALAMO NEVADA FREHNER DAIRY 52014001727912009854 05 09 66 081
137CS=1.0E01 K=1.4E00

ALAMO NEVADA FREHNER DAIRY 52014001727912009893 05 09 66 081
131I=6.0E01 137CS=2.0E01 K=1.3E00

ALAMO NEVADA FREHNER DAIRY 52014001727912009887 05 10 66 081
131I=6.0E01 137CS=2.5E01 K=1.1E00

ALAMO NEVADA FREHNER DAIRY AM 52014001727912009943 05 11 66 081
137CS=B K=1.5E00

ALAMO NEVADA FREHNER DAIRY AM 52014001727912009955 05 12 66 081
137CS=5.0E00 K=1.0E00

ALAMO NEVADA FREHNER DAIRY AM 52014001727912009945 05 13 66 081
137CS=1.5E01 K=1.1E00 89SR=B 90SR=2

AUSTIN NEVADA GIVENS RANCH 51018701527913010200 05 25 66
137CS=9.0E01 K=1.6 89SR=B 90SR=29

AUSTIN NEVADA YOUNGS RANCH 51018701527913007653 03 02 66 010
137CS=3.0E1 K=1.5E0 89SR=B 90SR=9

AUSTIN NEVADA IOWA CANYON RANCH 54018701527913007872 03 12 66 CABR
137CS=2.5E1 K=1.3E0 89SR=B 90SR=10

BAKER NEVADA E J CUMMINGS AM 53020403327913010794 06 27 66 124
131I=1.1E02 133I=3.0E01 137CS=3.5E01 K=1.4
SR89=B SR90=5

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

BAKER NEVADA BAKER RANCH AM 530204033279130108270 6 30 66 135
131I=5.0E01 K=1.4 89SR=5 90SR=5

CALIENTE NEVADA CHARLTON RANCH 52030401727913008809 04 28 66 001
131I=1.3E02 137CS=8.5E01

CALIENTE NEVADA CHARLTON RANCH 52030401727913009069 04 29 66 001
137CS=1.0E01 K=1.8E00

CALIENTE NEVADA CHARLTON RANCH 52030401727913009225 04 30 66 001
137CS=1.5E01 K=1.8E00

CALIENTE NEVADA CHARLTON RANCH 52030401727913009461 05 01 66 001
137CS=2.5E01 K=1.5E00

CALIENTE NEVADA CHARLTON RANCH 52030401727913009668 05 04 66 001
137CS=2.0E01 K=1.6E00

CALIENTE NEVADA CHARLTON RANCH 52030401727913009802 05 06 66 001
137CS=1.0E01 K=1.6E00

CALIENTE NEVADA RAYMOND RANCH 52030401727913009075 04 30 66 023
131I=1.0E02 133I=5.0E02 137CS=5.0E02 K=1.6

CALIENTE NEVADA RAYMOND RANCH 52030401727913009234 05 01 66 023
137CS=4.0E01 K=1.6E00

CALIENTE NEVADA RAYMOND RANCH 52030401727913009466 05 02 66 023
131I=7.0E01 137CS=1.5E01 K=1.6E00

CALIENTE NEVADA RAYMOND RANCH 52030401727913OA9574 05 03 66 023
131I=5.0E01 137CS=3.5E01 K=1.7E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

CALIENTE NEVADA RAYMOND RANCH		52030401727913009664 05 04 66	023
137CS=B	K=1.4E00	89SR=B	90SR=10
CALIENTE NEVADA RAYMOND RANCH		52030401727913009903 05 08 66	023
137CS=1.5E01	K=1.1E00	89SR=B	90SR=3
CALIENTE NEVADA RAYMOND RANCH		52030401727913009904 05 10 66	023
137CS=1.5E01	K=1.4E00		
CALIENTE NEVADA OXBORROW RANCH		52030401727913009070 04 30 66	025
137CS=2.5E01	K=1.6E00		
CALIENTE NEVADA OXBORROW RANCH		52030401727913009220 05 01 66	025
137CS=2.5E01	K=1.8E00		
CALIENTE NEVADA OXBORROW RANCH		52030401727913009570 05 03 66	025
137CS=B	K=1.2E00		
CALIENTE NEVADA OXBORROW RANCH		52030401727913009702 05 05 66	025
137CS=B	K=1.4E00	89SR=B	90SR=4
CALIENTE NEVADA OXBORROW RANCH		52030401727913009896 05 07 66	025
137CS=3.0E01	K=1.2E00		
CALIENTE NEVADA OXBORROW RANCH		52030401727913009898 05 09 66	025
137CS=1.5E01	K=1.4E00		
CALIENTE,NEVADA RAYMOND RANCH		53030401727913007976 03 21 66	EP4A
137CS=1.0E1	K=1.5E0	89SR=B	90SR=10
CALIENTE NEVADA TENNILLE RANCH		52030401727913009074 04 29 66	065
131I=4.0E01	133I=2.0E01	137CS=1.5E01	K=1.2E00
89SR=B	90SR=5		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

CALIENTE NEVADA TENNILLE RANCH		52030401727913009238 04 30 66	065
GAMMA	SPECTRUM	NEGLIGIBLE	
CALIENTE NEVADA TENNILLE RANCH		52030401727913009459 05 01 66	065
131I=5.0E01	137CS=4.5E01	K=1.3E00	
CALIENTE NEVADA TENNILLE RANCH		52030401727913009571 05 03 66	065
137CS=B	K=1.0E00	89SR=B	90SR=3
CALIENTE NEVADA TENNILLE RANCH		52030401727913009669 05 04 66	065
131I=2.0E01	137CS=1.0E01	K=1.1E00	
CALIENTE NEVADA TENNILLE RANCH		52030401727913009777 05 06 66	065
137CS=1.5E01	K=1.0E00		
CALIENTE NEVADA TENNILLE RANCH		52030401727913009895 05 08 66	065
137CS=1.5E01	K=1.1E00		
CALIENTE NEVADA TENNILLE RANCH		52030401727913009902 05 10 66	065
137CS=1.5E01	K=1.0E00		
CALIENTE NEVADA YOUNGS RANCH		51030401727913007514 02 09 66	067
137CS=2.5E1	K=1.6E0	89SR=B	90SR=17
CALIENTE NEVADA YOUNGS RANCH		51030401727913007663 03 01 66	067
137CS=3.5E1	K=1.3E0	89SR=B	90SR=5
CALIENTE NEVADA YOUNG RANCH		52030401727913008378 04 25 66	067
137CS=2.5E01	K=1.6		
CALIENTE NEVADA YOUNG RANCH		52030401727913008470 04 27 66	067
131I=3.0E01	133I=9.0E01	137CS=3.0E01	K=1.6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

```
CALIENTE NEVADA YOUNG RANCH                 52030401727913008653 04 28 66     067
   131I=3.0E01          133I=7.0E01         137CS=3.0E01        K=1.5

CALIENTE NEVADA YOUNG RANCH                 52030401727913009071 04 29 66     067
   137CS=B              K=1.5E00

CALIENTE NEVADA YOUNG RANCH                 52030401727913009221 04 30 66     067
   141CE=5.0E01         131I=3.0E01         137CS=1.5E01        K=1.5E00

CALIENTE NEVADA YOUNG RANCH                 52030401727913009566 05 03 66     067
   137CS=B              K=1.5E00            89SR=B              90SR=4

CALIENTE NEVADA YOUNG RANCH                 52030401727913009704 05 05 66     067
   137CS=B              K=1.1E00

CALIENTE NEVADA YOUNG RANCH                 52030401727913009907 05 07 66     067
   137CS=2.5E01         K=1.1E00

CALIENTE NEVADA YOUNG RANCH                 52030401727913009906 05 10 66     067
   137CS=1.5E01         K=1.3E00            89SR=5              90SR=4

CALIENTE NEVADA YOUNGS RANCH              PM 51030401727913010105 05 25 66     067
   131I=7.0E01          137CS=1.5E01           K=1.3            89SR=B
   90SR=3

CALIENTE NEVADA YOUNGS RANCH              PM 51030401727913010633 06 20 66 1400067
   137CS=1.0E01         K=1.5                  SR89=B           SR90=3

CALIENTE NEVADA YOUNGS RANCH              AM 53030401727913010744 06 24 66     067
   K=1.7                89SR=B                 90SR=3

CALIENTE NEVADA RAYMOND RANCH               53030401727913007930 03 17 66 NRXTEP4
   137CS=1.5E1          K=1.5E0             SR89=B              SR90=4
```

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

CALIENTE NEVADA YOUNGS RANCH		5103200172791300740701 26 66		067
137CS=2.0E1	K=1.4E0	89SR=B	90SR=7	
CURRANT NEVADA BLUE EAGLE RANCH		5103400232791200732301 05 66		099
137CS=9.00E01	K=1.6	89SR=5	90SR=12	
CURRANT NEVADA BLUE EAGLE RANCH		5103400232791200733201 13 66		099
137CS=1.30E02	K=1.6	89SR=B	90SR=16	
CURRIE NEVADA LEAR RANCH		5403880072791300787403 10 66		CABR047
137CS=2.0E1	K=1.9E0	89SR=B	90SR=11	
CLARK STATION NEVADA		5303400232791300748002 04 66		NR2B101
137CS=5.0E1	K=1.7E0	89SR=B	90SR=10	
CLARK STATION NEVADA		5203400232791300771803 08 66		RHOT101
137CS=7.5E01	K=1.4E00	89SR=B	90SR=20	
CURRANT NEVADA BLUE EAGLE RANCH		5103860232791300751302 10 66		099
137CS=7.0E1	K=2.0E0	89SR=B	90SR=16	
CURRANT NEVADA BLUE EAGLE RANCH		5103860232791300755802 17 66		099
137CS=9.5E1	K=1.5E0	89SR=B	90SR=18	
CURRANT NEVADA BLUE EAGLE RANCH		5103860232791300821204 01 66		5000099
137CS=7.0E1	K=1.9E0	89SR=B	90SR=9	
CURRANT NEVADA BLUE EAGLE RANCH		5103860232791200984305 05 66		099
137CS=5.0E01	K=1.5E00			
CURRANT NEVADA BLUE EAGLE RANCH	PM	5303860232791301077206 24 66		099
137CS=1.0E02	K=1.6	SR89=20	SR90=7	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966

				COLLECTED
CURRANT NEVADA MANZONIE RANCH		AM	530386023279130107250624 66	188
137CS=2.5E01	K=1.8		SR89=5 SR90=5	
CURRANT NEVADA 19 MI W OF CURRANT			510386023279130082130331 66	
137CS=5.0E1	K=1.1E0		89SR=B 90SR=11	
DUCKWATER NEVADA HALSTEAD RANCH			510480023279120073330112 66	105
137CS=8.50E01	K=1.2		89SR=B 90SR=14	
DUCKWATER NEVADA HALSTEAD RANCH			510480023279130097500504 66	105
137CS=2.5E01	K=1.3E00			
DUCKWATER NEVADA HALSTEAD RANCH		AM	510480023279130106310616 66	105
131I=3.0E01	137CS=3.0E01		K=1.4 89SR=10	
90SR=6				
ELGIN NEVADA BLUE RANCH			520542017279130088100428 66	064
137CS=3.5E01	K=1.6			
ELGIN NEVADA BLUE RANCH			520542017279130090780429 66	064
137CS=4.0E01	K=1.5E00			
ELGIN NEVADA BLUE RANCH			520542017279130092330430 66	064
137CS=4.0E01	K=1.2E00			
ELGIN NEVADA BLUE RANCH			52054201727913 0A9458050166	064
137CS=5.5E01	K=1.7E00			
ELGIN NEVADA BLUE RANCH			520542017279130096660504 66	064
137CS=5.5E01	K=1.5E00			
ELY NEVADA GEYSER RANCH		AM	530549033279130107930627 66	
K=2.7	SR89=B		SR90=8	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

ELY NEVADA ROGER BROS RANCH AM 530549033279130107906 27 66
137CS=5.0E00 K=1.5 SR89=B SR90=4

ELY NEVADA YELLAND RANCH 540549033279130078730 3 10 66 CABR000
137CS=6.0E1 K=1.5E0 89SR=B 90SR=13

ELY NEVADA YELLAND RANCH AM 530549033279130107770 6 26 66 000
137CS=6.5E01 K=1.2 SR89=15 SR90=12

ELY NEVADA YELLAND RANCH AM 530549033279130107910 6 27 66
137CS=2.0E01 K=1.2 SR89=5 SR90=18

ELY NEVADA GEORGETOWN RANCH 510549033279130075250 2 9 66 105
137CS=4.5E1 K=1.7E0 89SR=B 90SR=12

EUREKA NEVADA WILLOWS RANCH 510580011279120073290 1 5 66 003
137CS=3.0E01 K=1.5 89SR=B 90SR=9

EUREKA NEVADA WILLOWS RANCH 510586011279130075540 2 17 66 003
137CS=3.0E1 K=1.4E0 89SR=B 90SR=11

EUREKA NEVADA WILLOWS RANCH 510586011279130083030 4 13 66 003
137CS=3.5E1 K=1.4E0 89SR=B 90SR=9

EUREKA NEVADA WILLOWS RANCH 510586011279130101810 5 24 66 003
137CS=2.5E01 K=1.1 89SR=B 90SR=12

EUREKA NEVADA WILLOWS RANCH AM 510586011279130105030 6 7 66 8910003
137CS=2.5E01 K=1.2 89SR=B 90SR=13

EUREKA NEVADA SEGURAS RANCH 510586011279130075640 2 17 66 022
106RU=2.0E1 137CS=1.50E2 K=1.5E0 89SR=B
90SR=21

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

EUREKA NEVADA SEGURAS RANCH 51058601127913010178 05 24 66 022
137CS=2.0E01 K=2.3 89SR=B 90SR=7

EUREKA NEVADA CIRCLE RANCH 54058601127913007875 03 11 66 CABR
137CS=1.5E1 K=1.1E0 89SR=B 90SR=13

HALLECK NEVADA GLASSER C D RANCH 54080000727913007878 03 10 66 CABR
137CS=1.20E2 K=1.4E0 89SR=B 90SR=43

HIKO NEVADA DAVIS RANCH 52083401727913008411 04 26 66 031
131I=1.8E03 133I=7.1E03 132I=6.0E02 135I=1.5E03
89SR=5 90SR=3

HIKO NEVADA DAVIS RANCH 52083401727913008533 04 27 66 031
131I=3.5E03 133I=7.8E03 132I=1.9E03 135I=4.5E02

HIKO NEVADA DAVIS RANCH 52083401727913008690 04 28 66 031
131I=2.87E03 133I=3.53E03 89SR=15 90SR=4

HIKO NEVADA DAVIS RANCH 52083401727912008968 04 29 66 031
131I=1.99E03 133I=1.16E03 132I=1.39E03 89SR=20
90SR=4

HIKO NEVADA DAVIS RANCH 52083401727913009133 04 30 66 031
131I=2.2E03 133I=1.1E03

HIKO NEVADA DAVIS RANCH 52083401727913009334 05 01 66 031
141CE=1.37E03 131I=1.70E03 133I=6.2E02

HIKO NEVADA DAVIS RANCH 52014001727913009549 05 02 66 031
14CE=6.73E03 131I=2.98E03 133I=6.5E02

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

HIKO NEVADA DAVIS RANCH 52083401727913009648 05 03 66 031
141CE=1.12E03 131I=2.34E03 133I=5.7E02 89SR=50
90SR=7

HIKO NEVADA DAVIS RANCH 52083401727913009696 05 04 66 031
141CE=3.83E03 131I=1.80E03 133I=2.6E02 89SR=35
90SR=5

HIKO NEVADA DAVIS RANCH 52083401727913009735 05 05 66 031
141CE=1.3E02 131I=9.7E02 132TE-I=3.7E02

HIKO NEVADA DAVIS RANCH 52083401727913009820 05 06 66 031
141CE=9.5E02 131I=7.0E02

HIKO NEVADA DAVIS RANCH 52083401727913009826 05 07 66 031
141CE=6.0E01 131I=5.1E02 132TE-I=2.3E02

HIKO NEVADA DAVIS RANCH 52083401727913009858 05 08 66 031
141CE=3.0E02 131I=3.5E02

HIKO NEVADA DAVIS RANCH 52083401727913009894 05 09 66 031
141CE=3.7E02 131I=2.4E02 137CS=4.5E01 K=1.7E00
89SR=20 90SR=5

HIKO NEVADA DAVIS RANCH PM 52083401727913009950 05 10 66 031
131I=2.4E02 137CS=7.5E01 K=1.4E00 89SR=15
90SR=7

HIKO NEVADA DAVIS RANCH PM 52083401727913009954 05 11 66 031
141CE=4.0E01 131I=1.3E02 137CS=6.0E01 K=1.4E00
89SR=10 90SR=6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

HIKO NEVADA DAVIS RANCH PM 52083401727913009942 05 12 66 031
141CE=4.0E01 131I=1.3E02 137CS=8.0E01 K=1.3E00
89SR=10 90SR=5

HIKO NEVADA DAVIS RANCH PM 52083401727913010025 05 25 66 031
131I=8.0E01 137CS=4.5E01 K=1.0E00 89SR=80
90SR=5

HIKO NEVADA DAVIS RANCH PM 52083401727913010455 06 07 66 4902031
89SR=15 90SR=2

HIKO NEVADA DAVIS RANCH 52083401727913010532 06 14 66 031
K=1.8 89SR=20 90SR=8

HIKO NEVADA DAVIS RANCH PM 52083401727913010637 06 20 66 031
137CS=1.0E01 K=1.1 SR89=15 SR90=6

HIKO NEVADA DAVIS RANCH AM 52083401727913010852 06 29 66 031
K=1.5 89SR=10 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 51084001727912007404 01 26 66 057
137CS=1.5E1 K=1.5E0 89SR=8 90SR=2

HIKO NEVADA SCHOFIELD DAIRY 53083401727912007442 02 04 66 NR2B057
K=1.6E0 89SR=8 90SR=8

HIKO NEVADA SCHOFIELD DAIRY 51083401727912007664 03 01 66 057
137CS=5.0E0 K=1.4E0 89SR=8 90SR=7

HIKO NEVADA SCHOFIELD DAIRY 51083401727912008176 03 29 66 057
137CS=3.0E1 K=1.3E0 89SR=8 90SR=6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

HIKO NEVADA SCHOFIELD DAIRY 52083401727912008347 04 25 66 057
131I=3.2E02 133I=1.0E03 135I=8.0E02 K=1.7
89SR=B 90SR=4

HIKO NEVADA SCHOFIELD DAIRY 52083401727912008412 04 26 66 057
131I=3.3E03 133I=2.0E04 132I=3.1E03 135I=1.1E04
89SR=5 90SR=4

HIKO NEVADA SCHOFIELD DAIRY 52083401727912008355 04 26 66 057
131I=1.9E03 133I=6.1E03 132I=4.9E02 135I=4.3E03
89SR=5 90SR=4

HIKO NEVADA SCHOFIELD DAIRY 52083401727912008433 04 27 66 057
131I=4.4E03 133I=1.5E04 132I=1.1E03 135I=2.5E03
89SR=10 90SR=3

HIKO NEVADA SCHOFIELD DAIRY 52083401727912008534 04 27 66 057
131I=4.8E03 133I=1.2E04 132I=1.9E03 135I=1.0E03

HIKO NEVADA SCHOFIELD DAIRY 52083401727912008616 04 28 66 057
141CE=9.89E03 131I=4.00E03 133I=6.66E03 89SR=10
90SR=3

HIKO NEVADA SCHOFIELD DAIRY 52083401727912008691 04 28 66 057
131I=3.65E03 133I=4.68E03 89SR=10 90SR=3

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009138 04 30 66 057
131I=4.80E03 133I=1.64E03 89SR=5 90SR=3

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009135 04 30 66 057
131I=4.5E02 133I=1.5E02 89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009003 04 30 66 057
131I=5.0E02 133I=2.9E02 89SR=B 90SR=5

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009194 05 01 66 057
131I=2.5E02 133I=7.0E01 137CS=1.6E02 K=1.7
89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009331 05 01 66 057
141CE=4.1E02 131I=1.4E02 133I=4.0E01 K=1.5E00
89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009365 05 02 66 057
141CE=7.0E01 131I=1.3E02 137CS=5.0E01 K=1.8E00
89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009541 05 02 66 057
141CE=1.5E02 131I=1.0E02 137CS=4.0E01 K=1.2E00
89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009532 05 03 66 057
137CS=6.0E01 131I=8.0E01 141CE=1.7E02 K=1.7E00
89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009651 05 03 66 057
141CE=1.2E02 131I=7.0E01 137CS=3.0E01 K=1.6E00
89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009699 05 04 66 057
131I=3.0E01 137CS=2.0E01 K=1.1E00 89SR=B
90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009652 05 04 66 057
137CS=3.0E01 K=1.3E00 89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009700 05 05 66 057
131I=1.0E01 137CS=1.5E01 K=1.5E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009791 05 05 66 057
141CE=4.0E01 131I=4.0E01 137CS=3.0E01 K=1.3E00

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009793 05 06 66 057
131I=6.0E01 137CS=3.0E01 K=1.5E00

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009796 05 06 66 057
141CE=1.0E02 131I=4.0E01 137CS=2.5E01 K=1.1E00

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009794 05 07 66 057
131I=3.0E01 137CS=3.5E01 K=1.4E00 89SR=B
90SR=11

HIKO NEVAD SCHOFIELD DAIRY 52083401727912009827 05 07 66 057
137CS=2.5E01 K=1.4E00

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009868 05 08 66 057
131I=4.0E01 137CS=2.0E01 K=1.5E00

HIKO NEVADA SCHOFIELD DAIRY 52083401727912009812 05 08 66 057
131I=5.0E01 137CS=3.5E01 K=1.4E00

HIKO NEVADA SCHOFIELD DAIRY PM 52083401727912009968 05 13 66 057
137CS=2.5E01 K=1.2E00 89SR=B 90SR=5

HIKO NEVADA SCHOFIELD DAIRY AM 51083401727912010434 06 03 66 057
131I=1.5E02 137CS=2.5E01 K=1.5E00 89SR=10
90SR=5

HIKO NEVADA SCHOFIELD DAIRY 52083401727912010598 06 17 66 057
K=1.4 89SR=B 90SR=4

HIKO NEVADA SCHOFIELD DAIRY 53083401727912007908 03 17 66 NRXTEP4
137CS=1.0E1 K=1.3E0 89SR=B 90SR=3

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

HIKO NEVADA SCHOFIELD DAIRY			52084001727912008793	04	29	66		057
131I=1.47E03	133I=1.37E03		89SR=B		90SR=4			
HIKO NEVADA SCHOFIELD DAIRY			52084001727912008966	04	29	66		057
131I=1.03E03	133I=7.3E02		89SR=B		90SR=4			
HIKO NEVADA SCHOFIELD DAIRY		AM	53083501727912010745	06	23	66		057
K=1.6	SR89=B		SR90=4					
HIKO NEVADA SCHOFIELD DAIRY		AM	53083501727912010742	06	24	66		057
137CS=5.0E00	K=1.4		SR89=5		SR90=3			
LAS VEGAS NEVADA			51120700327911009972	05	17	66		
137CS=2.5E01	K=1.1E00		89SR=B		90SR=5			
LAS VEGAS NEVADA VEGAS VALLEY FARMS			52120700327912008463	04	26	66		301
137CS=1.5E01	K=1.5		NOCHEM					
LAS VEGAS NEVADA VEGAS VALLEY FARMS			52120700327911008807	04	28	66		301
137CS=3.0E01	K=1.6							
LAS VEGAS NEVADA ANDERSON DAIRY			51120700327911007529	02	18	66		302
137CS=1.5E1	K=1.5E0		89SR=B		90SR=7			
LAS VEGAS NEVADA ANDERSON DAIRY			51120700327911007818	03	11	66	0000	302
137CS=1.5E1	K=1.6E0		89SR=B		90SR=6			
LAS VEGAS NEVADA ANDERSON DAIRY			51120700327912008291	04	11	66	0000	302
137CS=2.5E1	K=1.4E0		89SR=B		90SR=6			
LAS VEGAS NEVADA ANDERSON DAIRY NO 3			52120700327911008420	04	25	66		302
137CS=1.0E01	K=1.7		NOCHEM					

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966

		COLLECTED
LAS VEGAS NEVADA ANDERSON DAIRY NO 1 137CS=2.5E01 K=1.4	52120700327912008421 04 26 66 NOCHEM	302
LAS VEGAS NEVADA ANDERSON DAIRY NO 2 137CS=5.0E00 K=1.1	52120700327912008422 04 26 66 NOCHEM	302
LAS VEGAS NEVADA ANDERSON DAIRY NO 3 137CS=3.0E01 K=1.3E00	52120700327912008693 04 28 66 NOCHEM	302
LAS VEGAS NEVADA ANDERSON DAIRY NO 2 137CS=1.0E01 K=1.2E00	52120700327912008694 04 28 66 NOCHEM	302
LAS VEGAS NEVADA ANDERSON DAIRY NO 3 137CS=2.0E01 K=1.6	52120700327912008795 04 28 66	302
LAS VEGAS NEVADA ANDERSON DAIRY 137CS=2.0E01 K=1.0E00	52120700327912008991 04 28 66	302
LAS VEGAS NEVADA ANDERSON DAIRY 137CS=3.0E01 K=1.6E00	52120700327912008993 04 28 66	302
LAS VEGAS NEVADA ANDERSON DAIRY 137CS=2.0E01 K=1.5	52120700327911008803 04 29 66	302
LAS VEGAS NEVADA ANDERSON DAIRY 137CS=2.5E01 K=1.5E00	52120700327912008988 04 29 66	302
LAS VEGAS NEVADA ANDERSON DAIRY NO 2 137CS=B K=1.6E00	52120700327912009354 04 29 66	302
LAS VEGAS NEVADA ANDERSON DAIRY NO 3 137CS=1.5E01 K=1.4E00	52120700327912009350 04 29 66	302

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966

			COLLECTED
LAS VEGAS NEVADA ANDERSON DAIRY NO 1		52120700327912009352 04 30 66	302
137CS=2.5E01	K=1.5E00		
LAS VEGAS NEVADA ANDERSON DAIRY NO 4		52120700327912009355 04 30 66	302
137CS=B	K=1.1E00		
LAS VEGAS NEVADA ANDERSON DAIRY		52120700327912009527 05 01 66	302
137CS=5.0E01	K=1.6E00		
LAS VEGAS NEVADA ANDERSON DAIRY NO 1		52120700327912009522 05 01 66	302
137CS=3.0E01	K=1.8E00		
LAS VEGAS NEVADA ANDERSON DAIRY NO 3		52120700327912009531 05 01 66	302
137CS=2.0E01	K=1.6E00		
LAS VEGAS NEVADA ANDERSON DAIRY		52120700327912009526 05 02 66	302
131I=6.0E01	137CS=4.0E01	K=1.7E00	
LAS VEGAS NEVADA ANDERSON DAIRY		52120700327911009356 05 02 66	302
137CS=1.0E01	K=1.5E00		
LAS VEGAS NEVADA ANDERSON DAIRY NO 3		52120700327912009638 05 02 66	302
137CS=3.5E01	K=1.8E00	89SR=B 90SR=7	
LAS VEGAS NEVADA ANDERSON DAIRY		52120700327912009709 05 03 66	302
137CS=1.5E01	K=1.6E00		
LAS VEGAS NEVADA ANDERSON DAIRY		52120700327912009710 05 03 66	302
137CS=2.5E01	K=1.5E00		
LAS VEGAS NEVADA ANDERSON DAIRY NO 4		52120700327912009634 05 03 66	302
137CS=B	K=1.4E00	89SR=B 90SR=5	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LAS VEGAS NEVADA ANDERSON DAIRY NO 1	52120700327912009784 05 04 66		302
131I=5.0E01	137CS=3.0E01	K=1.4E00	
LAS VEGAS NEVADA ANDERSON DAIRY NO 2	52120700327912009781 05 04 66		302
137CS=3.5E01	K=1.4E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009711 05 04 66		302
137CS=B	K=1.1E00	89SR=B 90SR=4	
LAS VEGAS NEVADA ANDERSON DAIRY NO 3	52120700327912009780 05 05 66		302
137CS=3.0E01	K=1.3E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009852 05 05 66		302
137CS=2.0E01	K=1.1E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009853 05 05 66		302
137CS=2.0E01	K=1.2E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009850 05 06 66		302
137CS=2.0E01	K=1.3E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009851 05 07 66		302
137CS=2.5E01	K=1.3E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009859 05 07 66		302
137CS=3.0E01	K=1.2E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009862 05 07 66		302
137CS=1.5E01	K=1.3E00		
LAS VEGAS NEVADA ANDERSON DAIRY	52120700327912009863 05 07 66		302
137CS=2.5E01	K=1.4E00		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009865 05 08 66 302
137CS=2.5E01 K=1.1E00

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009919 05 08 66 302
131I=6.0E01 137CS=1.0E01 K=1.1E00 89SR=B
90SR=5

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009911 05 08 66 302
137CS=3.0E01 K=1.2E00

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009913 05 09 66 302
137CS=3.0E01 K=1.1E00

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009914 05 09 66 302
137CS=2.0E01 K=1.3E00

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009917 05 09 66 302
137CS=3.0E01 K=1.6E00

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009910 05 10 66 302
137CS=2.5E01 K=1.4E00 89SR=B 90SR=5

LAS VEGAS NEVADA ANDERSON DAIRY 52120700327912009925 05 10 66 302
131I=3.0E01 137CS=2.5E01 K=1.2E00

LAS VEGAS NEVADA ANDERSON DAIRY PM 52120700327912009967 05 12 66 302
137CS=2.0E01 K=1.1E00

LAS VEGAS NEVADA ANDERSON DAIRY PM 52120700327912009966 05 14 66 302
137CS=2.0E01 K=1.3E00

LAS VEGAS NEVADA ANDERSON DAIRY PM 52120700327912009982 05 16 66 302
131I=1.0E02 137CS=1.5E01 K=1.2E00 89SR=B
90SR=5

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LAS VEGAS NEVADA ANDERSON DAIRY			AM	52120700327912009981	05	19	66		302
131I=1.0E02	137CS=2.0E01	K=1.1E00		89SR=B					
90SR=5									
LAS VEGAS NEVADA ARDEN DAIRY				51120700327911007528	02	18	66		303
137CS=1.5E1	K=1.7E0			89SR=B	90SR=10				
LAS VEGAS NEVADA ARDEN DAIRY				51120700327912008292	04	11	66	0000	303
137CS=5.0E0	K=1.7E0			89SR=B	90SR=2				
LAS VEGAS NEVADA ARDEN DAIRY			PM	52120700327912008468	04	26	66		303
137CS=1.0E01	K=1.4								
LAS VEGAS NEVADA ARDEN DAIRY				52120700327912008649	04	28	66		303
137CS=5.0E00	K=1.5								
LAS VEGAS NEVADA ARDEN DAIRY				52120700327912009353	05	01	66		303
137CS=5.0E00	K=1.5E00								
LAS VEGAS NEVADA ARDEN DAIRY				52120700327911009357	05	02	66		303
137CS=3.0E01	K=1.6E00								
LAS VEGAS NEVADA ARDEN DAIRY				52120700327912009523	05	03	66		303
137CS=2.5E01	K=1.9E00			89SR=B	90SR=5				
LAS VEGAS NEVADA MEADOW GOLD DAIRY				52120700327911009358	05	02	66		305
137CS=1.0E01	K=1.3E00								
LAS VEGAS NEVADA MEADOW GOLD DAIRY				52120700327911008804	04	29	66		310
137CS=3.0E01	K=1.5								
LAS VEGAS NEVADA ARDEN DAIRY				52120700327911008808	04	29	66		311
137CS=1.5E01	K=1.6E00								

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LAS VEGAS NEVADA ARDEN DAIRY 52120700327911008805 04 29 66 311
137CS=1.5E01 K=1.7

LAS VEGAS NEVADA ARDEN DAIRY 52120700327912009077 04 30 66 311
137CS=3.0E01 K=1.5E00

LATHROP WELLS NEVADA DANSBY RANCH 53120902327913007501 02 12 66 065
137CS=5.0E0 K=1.5 89SR=B 90SR=11

LATHROP WELLS NEVADA DANSBY RANCH 51120902327913007549 02 16 66 065
137CS=2.0E1 K=1.2E0 89SR=B 90SR=3

LATHROP WELLS NEVADA DANSBY RANCH 53120902327913007593 03 04 66 065
137CS=1.0E1 K=1.3E0 89SR=B 90SR=6

LATHROP WELLS NEVADA DANSBY RANCH 52120902327913007708 03 07 66 RHOT065
K=1.3E0 89SR=B 90SR=5

LATHROP WELLS NEVADA DANSBY RANCH 53120902327913008055 03 26 66 065
137CS=8.5E01 K=1.4 89SR=B 90SR=4

LATHROP WELLS NEVADA DANSBY RANCH 53120902327913008097 03 28 66 EP4A065
K=1.4 89SR=B 90SR=5

LATHROP WELLS NEVADA DANSBY RANCH 51120902327913OA8311 04 20 66 5300065
137CS=1.0E01 K=1.2 89SR=B 90SR=2

LATHROP WELLS NEVADA DANSBY RANCH AM 53120902327913010490 06 09 66 065
137CS=2.0E01 K=1.3 89SR=B 90SR=6

LATHROP WELLS NEVADA DANSBY RANCH AM 53120902327913010508 06 10 66 065
K=1.2 89SR=B 90SR=5

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LATHROP WELLS NEVADA DANSBY RANCH 53120902327913010530 06 13 66 065
131I=4.0E01 137CS=2.5E01 K=1.2 89SR=B
90SR=6

LATHROP WELLS NEVADA DANSBY RANCH AM 53120902327913010588 06 17 66 065
131I=5.0E01 137CS=1.0E01 K=1.2 89SR=B
90SR=6

LAS VEGAS NEVADA ANDERSON DAIRY 51121000327911007398 01 25 66 001
144CE=6.0E1 137CS=2.5E1 K=1.5E0 89SR=B
90SR=7

LAS VEGAS NEVADA ARDEN DAIRY 51121000327911007399 01 25 66 303
137CS=3.0E1 K=1.6E0 89SR=B 90SR=9

LATHROP WELLS NEVADA DANSBY RANCH 51121502327913007389 01 19 66 1413065
137=1.0E01 K=1.5E00 89SR=B 90SR=3

LOGANDALE NEVADA VEGAS VALLEY DAIRY 51125000327912007437 02 01 66 301
137CS=3.0E1 K=1.5E0 89SR=B 90SR=6

LOGANDALE NEVADA VEGAS VALLEY DAIRY 51125200327911010454 06 05 66 301
131I=6.0E01 137CS=1.0E01 K=1.3 89SR=5
90SR=3

LUND NEVADA MCKENZIE DAIRY 51128003327912007331 01 07 66 077
137CS=2.50E01 K=1.6 89SR=B 90SR=6

LUND NEVADA MCKENZIE DAIRY 51128003327912007348 01 07 66 077
137CS=3.50E01 K=1.4 89SR=B 90SR=10

LUND NEVADA MCKENZIE DAIRY 51128003327912007390 01 22 66 1463077
137CS=2.5E01 K=1.8E00 89SR=B 90SR=6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LUND NEVADA MCKENZIE DAIRY 51128003327912007422 01 29 66 077
137CS=3.5E1 K=1.3E0 89SR=B 90SR=7

LUND NEVADA MCKENZIE DAIRY 51128503327912007482 02 04 66 0004077
137CS=3.7E1 K=1.8E0 89SR=B 90SR=10

LUND NEVADA MCKENZIE DAIRY 51128503327912007512 02 10 66 0004077
137CS=3.5E1 K=1.5E0 89SR=B 90SR=13

LUND NEVADA MCKENZIE DAIRY 51128503327912007527 02 14 66 077
137CS=3.5E1 K=1.3E0 89SR=B 90SR=7

LUND NEVADA MCKENZIE DAIRY 51128503327912007571 02 20 66 077
137CS=3.0E1 K=1.6E0 89SR=B 90SR=7

LUND NEVADA MCKENZIE DAIRY 51128503327912007573 02 27 66 077
137CS=4.0E1 K=1.7E0 89SR=B 90SR=8

LUND NEVADA MCKENZIE DAIRY 51128503327912007871 03 11 66 077
137CS=2.0E1 K=1.4E0 89SR=B 90SR=6

LUND NEVADA MCKENZIE DAIRY 51128503327912007950 03 18 66 077
137CS=3.5E1 K=1.4E0 SR89=B SR90=9

LUND NEVADA MCKENZIE DAIRY 51128503327912008068 03 25 66 077
137CS=3.0E1 K=1.2E0 89SR=B 90SR=5

LUND NEVADA MCKENZIE DAIRY 51128503327912008271 04 03 66 077
137CS=3.5E1 K=1.9E0 89SR=B 90SR=7

LUND NEVADA MCKENZIE DAIRY 51128503327912008296 04 10 66 077
137CS=4.0E1 K=1.3E0 89SR=B 90SR=6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LUND NEVADA MCKENZIE DAIRY			52128503327912008419	04 24 66	077
137CS=3.0E01	K=1.6		NOCHEM		
LUND NEVADA MCKENZIE DAIRY			52128503327912008665	04 26 66	077
137CS=2.0E01	K=1.3				
LUND NEVADA MCKENZIE DAIRY			52128503327912008731	04 27 66	077
137CS=3.0E01	K=1.5				
LUND NEVADA MCKENZIE DAIRY			52128503327912009000	04 28 66	077
137CS=3.5E01	K=1.5E00				
LUND NEVADA MCKENZIE DAIRY			52128503327912009185	04 29 66	077
137CS=2.0E01	K=1.6				
LUND NEVADA MCKENZIE DAIRY			52128503327912009754	05 05 66	077
137CS=3.0E01	K=1.3E00				
LUND NEVADA MCKENZIE DAIRY		AM	51128503327912009939	05 13 66	077
137CS=2.0E01	K=1.3E00		89SR=B	90SR=6	
LUND NEVADA MCKENZIE DAIRY		AM	51128503327912010014	05 19 66	077
137CS=2.0E01	K=1.2E00		89SR=B	90SR=7	
LUND NEVADA MCKENZIE DAIRY		AM	51128503327912010228	05 31 66	077
137CS=1.5E01	K=1.2E00		89SR=B	90SR=5	
LUND NEVADA MCKENZIE DAIRY			51128503327912010506	06 08 66	077
137CS=3.0E01	K=1.5		89SR=B	90SR=5	
LUND NEVADA MCKENZIE DAIRY			51128503327912010586	06 16 66	077
137CS=2.0E01	K=1.4		89SR=5	90SR=2	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

LUND NEVADA MCKENZIE DAIRY AM 53128503327912010726 06 24 66 9902077
K=1.8 SR89=B SR90=5

LUND NEVADA MCKENZIE DAIRY AM 53128503327912010771 06 25 66 077
K=1.4 SR89=B SR90=3

LUND NEVADA MCKENZIE DAIRY 51128503327912010784 06 27 66 077
137CS=1.0E01 K=1.2 SR89=B SR90=24

LUND NEVADA MCKENZIE DAIRY 51128503327912010853 06 29 66 077
131I=2.0E01 137CS=2.0E01 K=1.2 89SR=B
90SR=5

MANHATTEN NEVADA PEAVINE RANCH 51131002327912007324 01 06 66 002
137CS=2.50E01 K=1.9 89SR=B 90SR=3

MANHATTEN NEVADA PEAVINE RANCH 51130502327913007532 02 16 66 002
137CS=4.0E1 K=1.7E0 89SR=B 90SR=4

MANHATTEN NEVADA PEAVINE RANCH 51130502327913007637 03 01 66 002
137CS=1.5E1 K=1.7E0 89SR=B 90SR=4

MANHATTEN NEVADA PEAVINE RANCH 52130502327913007717 03 07 66 RHOT002
137CS=2.0E01 K=1.7E00 89SR=B 90SR=2

MANHATTEN NEVADA PEAVINE RANCH 51130502327913008301 04 13 66 002
137CS=3.0E1 K=1.3E0 89SR=B 90SR=4

MANHATTEN NEVADA PEAVINE RANCH 51130502327913010179 05 25 66 002
137CS=1.5E01 K=1.5 89SR=B 90SR=7

MANHATTEN NEVADA PEAVINE RANCH AM 51130502327913010493 06 07 66 002
137CS=2.0E01 K=1.2 89SR=B 90SR=11

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

MANHATTEN NEVADA PEAVINE RANCH		AM	5113050232791301083	9	06	29	66	002
137CS=2.0E01	K=1.4							
MANHATTEN NEVADA LEE HIATT RANCH			5113100232791200732	2	01	05	66	018
137CS=6.5E1	K=1.7		89SR=B		90SR=15			
MANHATTEN NEVADA LEE HIATT RANCH			5213050232791300771	6	03	07	66	RHOT018
137CS=5.5E01	K=1.8E00		89SR=B		90SR=18			
MESQUITE NEVADA HUGHES BROS DAIRY			5113160032791200780	5	03	08	66	062
137CS=2.5E1	K=1.4E0		89SR=B		90SR=8			
MESQUITE NEVADA HUGHES BROS DAIRY		PM	5113160032791201065	1	06	20	66	6990062
137CS=3.0E01	K=1.3		89SR=B		90SR=6			
MESQUITE NEVADA HUGHES BROS DAIRY			5113180032791200743	8	01	31	66	062
137CS=2.5E1	K=1.2E0		89SR=B		90SR=9			
MOAPA NEVADA		AM	5313500032791201068	6	06	23	66	
137CS=1.0E01	K=1.4		SR89=B		SR90=4			
MOAPA NEVADA SEARLES DAIRY			5113500032791200744	1	02	03	66	071
137CS=2.5E1	K=1.4E0		89SR=5		90SR=3			
MOAPA NEVADA SEARLES DAIRY		PM	5113500032791201043	3	06	02	66	071
137CS=3.5E01	K=1.3E00		89SR=B		90SR=5			
MOAPA NEVADA SEARLES DAIRY			5313500032791200790	4	03	16	66	NRXTEP4
137CS=2.5E1	K=1.8E0		SR89=B		SR90=7			
MOAPA NEVADA SEARLES DAIRY			5313500032791200790	5	03	17	66	NRXTEP4
137CS=5.0E0	K=1.4E0		SR89=B		SR90=8			

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

MOAPA NEVADA SEARLES DAIRY		53135000327912007977 03 21 66 EP4A071	
137CS=2.5E1	K=1.5E0	89SR=B	90SR=7
MOAPA NEVADA HIDDEN VALLEY DAIRY		51135000327912008186 03 29 66	
137CS=3.0E1	K=1.2E0	89SR=B	90SR=2
MOAPA NEVADA HIDDEN VALLEY DAIRY		51135000327912008185 03 31 66	
137CS=3.5E1	K=1.4E0	89SR=B	90SR=4
NYALA NEVADA		52149002327913007719 03 07 66 RHOT054	
137CS=7.5E01	K=1.7E00	89SR=B	90SR=14
NYALA NEVADA SHARP RANCH		51149002327912007321 01 05 66 054	
137CS=6.0E1	K=1.4	89SR=B	90SR=10
NYALA NEVADA SHARP RANCH		51149002327912008290 04 05 66 1000054	
137CS=9.0E1	K=1.3E0	89SR=B	90SR=12
NYALA NEVADA SHARP RANCH		51149002327913009926 05 11 66 054	
137CS=4.5E01	K=1.2E00	89SR=B	90SR=6
NYALA NEVADA	AM	52149002327913010562 06 16 66 0000054	
137CS=1.5E00	K=1.3	89SR=B	90SR=7
NYALA NEVADA SHARP RANCH		53149002327913010724 06 24 66 1902054	
1311=3.0E01	137CS=4.0E01	K=1.9	
PAHRUMP NEVADA BOWMAN RANCH		53160202327911007578 03 04 66 169	
137CS=2.5E1	K=1.4E0	89SR=B	90SR=10
PANACA NEVADA C+G RANCH		52160601727913008652 04 28 66 000	
137CS=5.0E00	K=1.2		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

PANACA NEVADA C+G RANCH		52160601727913009080	04 29 66	000
137CS=3.5E01	K=1.7E00			
PANACA NEVADA C+G RANCH		52160601727913009226	04 30 66	000
137CS=7.0E01	K=1.6E00			
PANACA NEVADA C+G RANCH		52160601727913009471	05 02 66	000
137CS=9.0E01	K=1.8E00			
PANACA NEVADA DECK RANCH		52160601727913008380	04 26 66	068
131I=5.0E01	133I=1.6E02	137CS=5.5E01	K=1.5	
PANACA NEVADA DECK RANCH		52160601727913008473	04 27 66	068
131I=7.0E01	133I=2.2E02	137CS=6.0E01	K=1.5	
NOCHEM				
PANACA NEVADA DECK RANCH		52160601727913008650	04 28 66	068
137CS=3.5E01	K=1.3			
PANACA NEVADA DECK RANCH		52160601727913008812	04 29 66	068
137CS=3.5E01	K=1.7			
PANACA NEVADA DECK RANCH		52160601727913009079	04 30 66	068
137CS=3.0E01	K=1.2E00			
PANACA NEVADA DECK RANCH		52160601727913009227	05 01 66	068
137CS=4.0E01	K=1.6E00			
PANACA NEVADA DECK RANCH		52160601727913009476	05 02 66	068
137CS=6.0E01	K=1.7E00			
PANACA NEVADA K LEE RANCH		52160601727913008379	04 26 66	069
137CS=1.5E01	K=1.7	NOCHEM		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

PANACA NEVADA K LEE RANCH 52160601727913008469 04 27 66 069
131I=2.0E01 133I=2.1E02 K=1.8

PANACA NEVADA K LEE RANCH 52160601727913009076 04 30 66 069
141CE=2.0E01 131I=5.0E01 133I=2.0E01 137CS=3.5E01
K=1.7E00

PANACA NEVADA K LEE RANCH 52160601727913009230 04 30 66 069
141CE=5.0E01 131I=1.7E02 133I=6.0E01 137CS=4.0E01
K=1.2E00

PANACA NEVADA K LEE RANCH 52160601727913009464 05 02 66 069
131I=1.6E02 137CS=6.5E01 K=1.8E00

PANACA NEVADA K LEE RANCH 52160601727913A9572 05 03 66 069
131I=1.2E02 137CS=4.0E01 K=1.2E00

PANACA NEVADA K LEE RANCH 52160601727913009670 05 04 66 069
131I=1.0E02 137CS=5.0E01 K=1.3E00

PANACA NEVADA K LEE RANCH 52160601727913009705 05 05 66 069
137CS=1.0E01 K=1.1E00

PANACA NEVADA K LEE RANCH 52160601727913009797 05 06 66 069
131I=5.0E01 137CS=3.0E01 K=1.3E00

PANACA NEVADA K LEE RANCH 52160601727913009899 05 07 66 069
137CS=2.5E01 K=1.3E00

PANACA NEVADA K LEE RANCH 52160601727913009901 05 08 66 069
137CS=1.5E01 K=1.4E00

PANACA NEVADA K LEE RANCH 52160601727913009897 05 09 66 069
137CS=3.0E01 K=1.2E00 89SR=8 90SR=8

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

PANACA NEVADA K LEE RANCH 52160601727913009900 05 10 66 069
137CS=1.5E01 K=1.6E00

PAHRUMP NEVADA ISHMAEL RANCH AM 51160202327913011302 10 21 66 5700
137CS=1.00E01 K=1.4E00 89SR=0 90SR=0

PIOCHE NEVADA DELMUE RANCH 52163501727913008471 04 27 66
131I=3.0E01 137CS=6.0E01 K=1.5 NOCHEM

PIOCHE NEVADA ROSE VALLEY RANCH 52163501727913008381 04 26 66
137CS=1.5E01 K=1.2 NOCHEM

PIOCHE NEVADA HORLACHER RANCH 51163001727913007400 01 25 66 075
137CS=2.0E1 K=1.2E0 89SR=8 90SR=8

PIOCHE NEVADA HORLACHER RANCH 52163501727913008472 04 27 66 075
137CS=5.0E01 K=1.4 NOCHEM

PIOCHE NEVADA HORLACHER RANCH 52163501727913008651 04 28 66 075
137CS=2.0E01 K=1.5

PIOCHE NEVADA HORLACHER RANCH 52163501727913008811 04 29 66 075
137CS=5.0E01 K=1.4

PIOCHE NEVADA HORLACHER RANCH 52163501727913009072 04 30 66 075
137CS=2.5E01 K=1.2E00

PIOCHE NEVADA HORLACHER RANCH 52163501727913009222 05 01 66 075
137CS=2.0E01 K=1.6E00

PIOCHE NEVADA HORLACHER RANCH 52163501727913089573 05 03 66 075
137CS=4.5E01 K=1.6E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

PIOCHE NEVADA HORLACHER RANCH			PM	5116350172791301045	6	06	66	1400075
137CS=3.0E01	K=1.3		89SR=5		90SR=8			
PIOCHE NEVADA HORLACHER RANCH			AM	5316350172791301074	3	06	24 66	075
K=1.6	SR89=15		SR90=4					
ROUND MOUNTAIN NEVADA TTT RANCH				5118580232791300755	5	02	16 66	005
137CS=4.5E1	K=1.5E0		89SR=B		90SR=12			
ROUND MOUNTAIN NEVADA TTT RANCH				5118580232791300764	5	03	02 66	016
137CS=2.0E1	K=1.6E089SR=B		90SR=6					
ROUND MOUNTAIN NEVADA TTT RANCH				5418580232791300787	7	03	12 66	CABR016
137CS=2.0E1	K=1.5E0		89SR=B		90SR=10			
ROUND MOUNTAIN NEVADA TTT RANCH				5118580232791300830	0	04	12 66	016
137CS=2.0E1	K=1.5E0		89SR=B		90SR=8			
ROUND MOUNTAIN NEVADA TTT RANCH				5118580232791301018	0	05	25 66	016
137CS=2.5E01	K=1.3		89SR=B		90SR=14			
ROUND MOUNTAIN NEVADA TTT RANCH				5118580232791301049	5	06	06 66	4310016
131I=3.0E01	137CS=1.0E01		K=1.6		89SR=5			
90SR=6								
ROUND MOUNTAIN NEVADA TTT RANCH				5118580232791301083	8	06	29 66	8390016
137CS=1.5E01	K=1.7							
SHOSHONE NEVADA HARBEKE RANCH			AM	5319250332791301077	3	06	26 66	003
131I=5.0E01	133I=5.0E01		137CS=2.0E01		K=1.4			
89SR=20	90SR=10							

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

SHOSHONE NEVADA HARBECKE RANCH AM 5319250332791301079 2 06 27 66 003
131I=6.3E01 137CS=2.0E01 K=1.5 SR89=10
SR90=17

SHOSHONE NEVADA KIRKEBY RANCH AM 5319250332791301077 5 06 24 66 106
131I=2.3E01 133I=1.3E03 137CS=2.0E01 K=1.4
SR89=5 SR90=8

SHOSHONE NEVADA KIRKEBY RANCH AM 5319250332791301077 6 06 25 66 106
131I=8.0E01 133I=2.4E01 137CS=3.0E01 K=1.4
SR89=10 SR90=6

SHOSHONE NEVADA KIRKEBY RANCH AM 5319250332791301077 4 06 26 66 106
131I=2.4E02 133I=3.1E02 137CS=4.0E01 K=1.4
SR89=8 SR90=15

SHOSHONE NEVADA KIRKEBY RANCH AM 5319250332791301078 9 06 27 66 106
131I=9.0E01 133I=6.0E01 137CS=1.5E01 K=1.4
SR89=10 SR90=6

SHOSHONE NEVADA KIRKEBY RANCH AM 5319250032791301082 9 06 30 66 106
137CS=4.0E01 K=1.3 89SR=B 90SR=16

SPRINGDALE NEVADA PEACOCK RANCH 5119500232791300739 1 01 18 66 1520174
137CS=2.0E01 K=1.2E00 89SR=B 90SR=C

SPRINGDALE NEVADA PEACOCK RANCH 5319640232791300743 9 02 04 66 NR2B174
137CS=1.5E1 K=1.0E0 89SR=B 90SR=5

SPRINGDALE NEVADA PEACOCK RANCH 5119640232791300754 3 02 17 66 174
137CS=3.0E1 K=1.5E0 89SR=B
90SR=6

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

SPRINGDALE NEVADA PEACOCK RANCH 52196402327913007709 03 07 66 RHOT174
137CS=6.0E01 K=1.2E0 89SR=B 90SR=5

SPRINGDALE NEVADA PEACOCK RANCH 51196402327913007820 03 10 66 174
137CS=5.0E1 K=1.1E0 89SR=B 90SR=5

SPRINGDALE NEVADA PEACOCK RANCH 53196402327913008056 03 26 66 EP4A174
137CS=5.0E00 K=1.3 89SR=B 90SR=10

SPRINGDALE NEVADA PEACOCK RANCH 53196402327913008109 03 28 66 1172174
137CS=4.0E01 K=1.5 89SR=B 90SR=7

SPRINGDALE NEVADA PEACOCK RANCH 51196402327913008312 04 20 66 5700174
137CS=2.0E02 K=1.1 89SR=10 90SR=6

SPRINGDALE NEVADA PEACOCK RANCH PM 53196402327913010492 06 07 66 174
131I=3.0E01 137CS=2.5E01 K=1.4 89SR=B
90SR=4

SPRINGDALE NEVADA PEACOCK RANCH AM 53196402327913010488 06 09 66 174
137CS=2.5E01 K=1.9 89SR=B 90SR=4

URSINE NEVADA DONAHUE RANCH 52216701727913008806 04 28 66 008
141CE=1.66E03 131I=1.06E03 133I=1.23E03 137CS=4.5E01
K=1.6E00

URSINE NEVADA DONOHUE RANCH 52216701727913009565 05 03 66 008
131I=3.2E02 137CS=2.0E01 K=1.9E00 89SR=B
90SR=15

URSINE NEVADA DONAHUE RANCH 52216701727913009667 05 04 66 008
137CS=4.0E01 K=1.4E00 89SR=B 90SR=19

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

URSINE NEVADA DONAHUE RANCH 52216701727913009707 05 05 66 008
131I=1.7E02 137CS=2.5E01 K=1.8E00

URSINE NEVADA DONAHUE RANCH 52216701727913009801 05 06 66 008
131I=1.4E02 137CS=1.0E01 K=1.2E00

URSINE NEVADA DONAHUE RANCH 52216701727913009905 05 10 66 008
131I=7.0E01 137CS=1.5E01 K=1.1E00 89SR=B
90SR=14

URSINE NEVADA MCCROSKY RANCH 52216701727913OA9474 05 01 66 013
137CS=6.5E01 K=2.2E00

URSINE NEVADA MCCROSKY RANCH 52216701727913009480 05 02 66 013
137CS=5.0E01 K=2.0E00

URSINE NEVADA MCCROSKY RANCH 52216701727913009663 05 04 66 013
137CS=4.0E01 K=1.9E00

URSINE NEVADA LYTLE RANCH 52216701727913OA8468 04 27 66 073
137CS=2.0E01 K=1.6

URSINE NEVADA LYTLE RANCH 52216701727913008654 04 28 66 073
137CS=3.0E01 K=1.5

URSINE NEVADA LYTLE RANCH 52216701727913008802 04 29 66 073
K=1.3

URSINE NEVADA LYTLE RANCH 52216701727913009073 04 30 66 073
137CS=3.0E01 K=1.7E00

URSINE NEVADA LYTLE RANCH 52216701727913009229 05 01 66 073
137CS=3.0E01 K=1.6E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

NEVADA MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

URSINE NEVADA LYTLE RANCH 52216701727913009468 05 02 66 073
137CS=3.0E01 K=1.8E00

URSINE NEVADA LYTLE RANCH 52216701727913009567 05 03 66 073
137CS=5.0E01 K=1.3E00

WELLS NEVADA GOBEL RANCH 54231600727913007876 03 10 66 CABR109
137CS=6.0E1 K=1.7E0 89SR=B 90SR=15

WINNEMUCCA NEVADA 3V DAIRY 54233501327912007879 03 12 66 CABR
137CS=2.5E1 K=1.3E0 89SR=B 90SR=4

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966		COLLECTED	
BEAVER UTAH GORDON ROBERTS		52021200143812008467 04 26 66	001
137CS=8.5E01	K=1.9	NOCHEM	
BEAVER UTAH GORDON ROBERTS		52021200143812008462 04 27 66	001
137CS=4.5E01	5=1.6	NOCHEM	
CEDAR CITY UTAH MATHESON DAIRY		53031102143812007980 03 21 66	EP4A003
K=1.8E0	89SR=B	90SR=9	
CEDAR CITY UTAH MATHESON DAIRY		52031102143812008464 04 26 66	003
137CS=4.0E01	K=1.7	NOCHEM	
CEDAR CITY UTAH MATHESON DAIRY		52031102143812008732 04 27 66	003
137CS=1.0E01	K=1.1		
CEDAR CITY UTAH MATHESON DAIRY		52031102143812008466 04 27 66	003
137CS=3.5E01	K=1.6	89SR=B 90SR=10	
CEDAR CITY UTAH MEADOW GOLD		52031102143812009174 04 29 66	267
137CS=1.5E01	K=1.1	89SR=B 90SR=6	
CEDAR CITY UTAH MEADOW GOLD		52031102143812009506 05 02 66	267
137CS=2.0E01	K=1.5E00		
CEDAR CITY UTAH MEADOW GOLD		52031102143812009712 05 03 66	267
137CS=1.0E01	K=1.5E00		
CEDAR CITY UTAH MEADOW GOLD		52031102143812009729 05 03 66	267
137CS=1.0E01	K=1.3E00		
CEDAR CITY UTAH MEADOW GOLD		52031102143812009783 05 04 66	267
137CS=5.5E01	K=1.2E00		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

CEDAR CITY UTAH MEADOW GOLD			52031102143812009871	05	05	66		267
137CS=2.5E01	K=1.3E00		89SR=B		90SR=8			
CEDAR CITY UTAH MEADOW GOLD			52031102143812009873	05	06	66		267
137CS=4.5E01	K=1.1E00							
CEDAR CITY UTAH MATHESON DAIRY			53031102143812007931	03	17	66	NRXTEP4	
137CS=2.0E1	K=1.7E0		SR89=B		SR90=10			
GARRISON UTAH GONDERS RANCH			51070602743812007511	02	09	66		006
137CS=6.5E1	K=1.5E0		89SR=B		90SR=19			
GARRISON UTAH GONDERS RANCH			51070602743813008207	03	29	66		006
137CS=4.0E1	K=1.2E0		89SR=B		90SR=4			
GARRISON UTAH GONDER RANCH			52070602743813009662	05	03	66		006
137CS=2.0E01	K=1.2E00		89SR=B		90SR=8			
GARRISON UTAH GONDER RANCH		AM	52070602743813009660	05	04	66		006
137CS=4.0E01	K=1.5E00							
GARRISON UTAH GONDER RANCH			52070602743813009751	05	05	66		006
137CS=4.0E01	K=1.4E00							
GARRISON UTAH GONDER RANCH			52070602743813009761	05	06	66		006
137CS=4.0E01	K=1.4E00							
GARRISON UTAH GONDERS RANCH		AM	53070602743813010830	06	30	66		006
137CS=3.0E01	K=1.5		89SR=B		90SR=9			
GARRISON UTAH GONDERS RANCH			51072002743812007347	01	13	66		006
144CE=5.00E01	137CS=5.00E01		K=1.6		89SR=B			
90SR=10								

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

KANAB UTAH J JOHNSON RANCH		52110402543813009202 04 30 66	000
137CS=4.5E01	K=1.6	89SR=B	90SR=7
KANAB UTAH J JOHNSON RANCH		52110402543813009198 05 01 66	000
137CS=4.5E01	K=1.7	89SR=B	90SR=8
KANAB UTAH J JOHNSON RANCH		52110402543813009481 05 02 66	000
137CS=6.5E01	K=1.8E00	89SR=B	90SR=10
MINERSVILLE UTAH MINERSVILLE DAIRY		52133400143812009169 04 30 66	266
137CS=2.5E01	K=1.8		
MINERSVILLE UTAH MINERSVILLE DAIRY		52133600143812009525 05 01 66	266
137CS=5.0E01	K=1.8E00		
MINERSVILLE UTAH MINERSVILLE DAIRY		52133600143812009633 05 02 66	266
137CS=1.5E01	K=1.2E00		
MINERSVILLE UTAH MINERSVILLE DAIRY		52133600143812009708 05 04 66	266
137CS=2.5E01	K=1.5E00		
MT PLEASANT UTAH BROOKLAWN CRM		52135803943812OA8615 04 27 66	264
137CS=3.5E01	K=1.4E00		
MT PLEASANT UTAH BROOKLAWN CRM		52135803943812009179 04 29 66	264
137CS=2.0E01	K=1.0		
MT PLEASANT UTAH BROOKLAWN CRM		52135803943812009503 05 01 66	264
137CS=1.0E01	K=1.5E00		
MT PLEASANT UTAH BROOKLAWN CRM		52135803943812009502 05 02 66	264
137CS=5.0E01	K=1.2E00	89SR=B	90SR=17

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

MT PLEASANT UTAH BROOKLAWN CRM		52135803943812009517 05 02 66		264
137CS=4.0E01	K=1.6E00	89SR=B	90SR=17	
MT PLEASANT UTAH BROOKLAWN CRM		52135803943812009620 05 03 66		264
137CS=1.0E01	K=1.4			
MT PLEASANT UTAH BROOKLAWN CRM		52135803943812009720 05 04 66		264
137CS=4.5E01	K=1.6E00			
MT PLEASANT UTAH BROOKLAWN CREAMERY	AM	53135803943812010806 06 29 66		264
137CS=2.5E01	K=1.4	SR89=15	SR90=11	
MT PLEASANT UTAH BROOKLAWN CREAMERY	AM	53135803943812010818 06 30 66		264
K=1.5	SR89=10	SR90=12		
MT PLEASANT UTAH BROOKLAWN CRM		52138503943812008733 04 28 66		264
137CS=2.0E01	K=1.6			
NEW CASTLE UTAH NEW CASTLE DAIRY		51141802143812007660 03 02 66		001
137CS=2.0E1	K=1.8E0	89SR=B	90SR=8	
NEW CASTLE UTAH NEW CASTLE DAIRY		51141802143812008178 03 30 66		001
137CS=5.5E1	K=1.9E0	89SR=B	90SR=5	
NEW CASTLE UTAH NEW CASTLE DAIRY	AM	51141802143812010109 05 25 66		001
137CS=2.0E01	K=1.3	89SR=B	90SR=8	
NEWCASTLE UTAH NEWCASTLE DAIRY		51143002143812007402 01 25 66		001
137CS=3.5E1	K=1.5E0	89SR=B	90SR=9	
OGDEN UTAH MAPLE LEAF DAIRY		52152105743812008977 04 27 66		262
137CS=7.0E01	K=1.6E00			

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

OGDEN UTAH MAPLE LEAF DAIRY		52152105743812009631 04 30 66		262
K=1.5	89SR=B	90SR=4		
OGDEN UTAH MAPLE LEAF DAIRY		52152105743812009765 05 03 66		262
137CS=4.0E01	K=1.2E00			
OGDEN UTAH MAPLE LEAF DAIRY	AM	53152105743812010858 06 30 66		262
137CS=4.5E01	K=1.5	SR89=B	SR90=10	
ORDERVILLE UTAH CHAMBERLAIN RANCH		52156102543813009190 05 01 66		000
137CS=2.5E01	K=1.4			
ORDERVILLE UTAH CHAMBERLAIN RANCH		52156102543813009192 05 01 66		000
137CS=1.0E01	K=1.3	89SR=B	90SR=5	
PAROWAN UTAH HYATT DAIRY		53160702143812007932 03 17 66		NRXTEP4
K=1.7E0	SR89=B	SR90=9		
PAROWAN UTAH HYATT DAIRY		53160702143812007978 03 21 66		EP4A
137CS=1.5E1	K=1.7E0	89SR=B	90SR=9	
RICHFIELD UTAH IDEAL DAIRY		52183001443812009321 04 29 66		265
137CS=3.0E01	K=1.0E00	89SR=B	90SR=5	
RICHFIELD UTAH IDEAL DAIRY		52183001443812009722 05 04 66		265
137CS=4.0E01	K=1.5E00			
ST GEORGE UTAH COX DAIRY		51198005343812007330 01 07 66		001
137CS=3.50E01	K=1.5	89SR=B	90SR=7	
ST GEORGE UTAH		51198005343812007355 01 21 66		004
137CS=3.0E1	K=1.6	89SR=B	90SR=6	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

ST GEORGE UTAH		51198005343812007411 01 28 66	004
137CS=2.0E1	K=1.9E0	89SR=B 90SR=23	
ST GEORGE UTAH COX DAIRY		51190005343812007526 02 11 66	001
137CS=3.5E1	K=1.4E0	89SR=B 90SR=12	
ST GEORGE UTAH		51198005343812007481 02 04 66	004
137CS=3.5E1	K=1.4E0	89SR=B 90SR=5	
ST GEORGE UTAH		51198005343812007567 02 18 66	004
137CS=1.5E1	K=1.7E0	89SR=B 90SR=8	
ST GEORGE UTAH COX DAIRY		51190005343812007840 03 11 66	001
137CS=2.0E1	K=1.4E0	89SR=B 90SR=6	
ST GEORGE UTAH COX DAIRY		51198005343812007951 03 18 66	001
106RU=3.0E1	137CS=4.5E1	K=1.4E0 SR89=B	
SR90=6			
ST GEORGE UTAH R COX DAIRY		53190005343812007979 03 21 66	EP4A001
137CS=2.0E1	K=1.7E0	89SR=B 90SR=3	
ST GEORGE UTAH COX DAIRY		51190005343812008065 03 25 66	001
137CS=4.0E1	K=1.3E0	89SR=B 90SR=7	
ST GEORGE UTAH R COX DAIRY		53190005343812007907 03 17 66	NRXTEP4
137CS=2.0E1	K=1.5E0	89SR=B 90SR=6	
ST GEORGE UTAH R COX DAIRY		52190005343812008465 04 26 66	001
137CS=3.0E01	5=1.3	NOCHEM	
ST GEORGE UTAH R COX DAIRY		52190005343812009172 04 29 66	001
137CS=2.5E01	K=1.5		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

ST GEORGE UTAH R COX DAIRY		52190005343812009183	04 30 66	001
137CS=2.5E01	K=1.4			
ST GEORGE UTAH ST GEORGE ICE		52190005343812009175	04 30 66	002
K=1.6				
ST GEORGE UTAH		51190005343812OA8227	04 01 66	004
137CS=1.5E1	K=1.4E0	89SR=B	90SR=6	
ST GEORGE UTAH		51190005343811008286	04 08 66	004
137CS=4.0E1	K=1.2E0	89SR=B	90SR=6	
ST GEORGE UTAH		51190005343812008311	04 15 66	004
137CS=4.0E1	K=1.2E0	89SR=B	90SR=7	
ST GEORGE UTAH R COX DAIRY		52190005343812009519	05 01 66	001
137CS=2.5E01	K=1.5E00			
ST GEORGE UTAH R COX DAIRY		52190005343812009627	05 03 66	001
137CS=3.0E01	K=1.6	89SR=B	90SR=8	
ST GEORGE UTAH R COX DAIRY		52190005343812009693	05 04 66	001
137CS=B	K=1.5E00			
ST GEORGE UTAH R COX DAIRY		52190005343812009776	05 06 66	001
137CS=3.0E01	K=1.3E00			
ST GEORGE UTAH COX DAIRY		AM 51190005343812010013	05 20 66	001
137CS=4.0E01	K=1.3E00	89SR=B	90SR=7	
ST GEORGE UTAH COX DAIRY		51190005343812010194	05 27 66	001
137CS=3.0E01	K=1.3	89SR=B	90SR=8	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

ST GEORGE UTAH ST GEORGE ICE			52190005343812009510	05	01	66		002
137CS=2.0E01	K=1.2E00							
ST GEORGE UTAH ST GEORGE ICE			52190005343812009515	05	02	66		002
137CS=2.5E01	K=1.6E00							
ST GEORGE UTAH COX DAIRY			51190005343812009938	05	13	66		004
137CS=3.5E01	K=1.4E00		89SR=B		90SR=7			
ST GEORGE UTAH COX DAIRY		AM	52190005343812010608	06	17	66		001
137CS=1.5E01	K=1.5		89SR=B		90SR=4			
ST GEORGE UTAH COX DAIRY			51190005343812010785	06	24	66		001
137CS=1.5E01	K=1.3		SR89=B		SR90=5			
ST GEORGE UTAH			51190005343812010435	06	02	66		004
137CS=2.0E01	K=1.2		89SR=B		90SR=7			
ST GEORGE UTAH			51190005343812010509	06	10	66		004
137CS=2.5E01	K=1.2		89SR=B		90SR=7			
SALT LAKE CITY UTAH DAIRY POOL			52190403543812008547	04	25	66		000
137CS=1.5E01	K=1.3E00		89SR=B		90SR=10			
SALT LAKE CITY UTAH DAIRY POOL			52190403543812008726	04	28	66		000
137CS=4.5E01	K=1.7		89SR=B		90SR=14			
SALT LAKE CITY UTAH DAIRY POOL			52190403543812008978	04	29	66		000
137CS=2.0E01	K=1.2E00		89SR=B		90SR=12			
SALT LAKE CITY UTAH DAIRY POOL			52190403543812009108	04	29	66		000
137CS=3.5E01	K=1.5							

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - continued

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966			COLLECTED	
SALT LAKE CITY UTAH DAIRY POOL			52190403543812009520 05 02 66	000
137CS=5.0E01	K=1.6E00			
SALT LAKE CITY UTAH DAIRY POOL			52190403543812009616 05 03 66	000
137CS=3.0E01	K=1.4			
SALT LAKE CITY UTAH DAIRY POOL		PM	52190403543812009983 05 17 66	000
137CS=4.5E01	K=1.2E00		89SR=B 90SR=13	
SALT LAKE CITY UTAH DAIRY POOL			51190403543812010226 05 27 66	000
131I=3.0E01	137CS=3.0E01		K=1.5 89SR=5	
90SR=10				
SMITHFIELD UTAH CACHE VALLEY DAIRY			52194300543812009622 04 26 66	261
137CS=3.0E01	K=1.6			
SMITHFIELD UTAH CACHE VALLEY DAIRY			52194300543812009625 04 29 66	261
137CS=4.0E01	K=1.6			
SMITHFIELD UTAH CACHE VALLEY DAIRY			52194300543812009618 05 02 66	261
K=1.5	89SR=B		90SR=17	
SMITHFIELD UTAH CACHE VALLEY DAIRY			52194300543812009728 05 03 66	261
137CS=2.5E01	K=1.4E00			
SMITHFIELD UTAH CACHE VALLEY DAIRY			52194300543812009759 05 04 66	261
137CS=4.5E01	K=1.3E00			
SPANISH FORK UTAH TOWN PRIDE			52196004943812008549 04 25 66	263
137CS=5.0E00	K=1.4E00		89SR=B 90SR=9	
SPANISH FORK UTAH TOWN PRIDE			52196004943812008538 04 27 66	263
137CS=4.0E1	K=1.5E0			

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

UTAH MILK-JAN. 01,1966 TO JUNE 30, 1966 COLLECTED

SPANISH FORK UTAH TOWN PRIDE 52196004943812008986 04 28 66 263
131I=6.0E01 137CS=8.5E01 K=1.6E00

SPANISH FORK UTAH TOWN PRIDE 52196004943812008971 04 29 66 263
131I=2.0E01 137CS=3.0E01 K=1.6E00 89SR=B
90SR=10

SPANISH FORK UTAH TOWN PRIDE 52196004943812009497 05 01 66 263
137CS=2.0E01 K=1.2E00

SPANISH FORK UTAH TOWN PRIDE 52196004943812009509 05 01 66 263
137CS=3.0E01 K=1.6E00

SPANISH FORK UTAH TOWN PRIDE 52196004943812009513 05 02 66 263
137CS=3.5E01 K=1.6E00

SPANISH FORK UTAH TOWN PRIDE 52196004943812009798 05 04 66 263
137CS=4.5E01 K=1.6E00

SPANISH FORK UTAH TOWN PRIDE 52196004943812009799 05 06 66 263
137CS=4.5E01 K=1.2E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

WASHINGTON MILK-JAN. 01, 1966 TO JUNE 30, 1966 COLLECTED

BELLEVUE WASHINGTON SAFEWAY STORES		510040033469120074140127660005000	
137CS=2.5E1	K=1.9E0	89SR=B	90SR=17
BREMERTON WASHINGTON KITSAP DAIRY		510060000469120074210128660005000	
137CS=3.0E1	K=1.7E0	89SR=B	90SR=12
CHEHALIS WASHINGTON PAC DAIRYMENS ASSOC		510110041469120074160128660	
137CS=6.0E1	K=1.5E0	89SR=B	90SR=15
LONGVIEW WASHINGTON STANDARD DAIRY		510350015469120074150128660005000	
137CS=8.0E1	K=1.5E0	89SR=B	90SR=23
PESHASTIN WASHINGTON SKOOKAM DAIRY		510525000469120074120128660005000	
137CS=2.5E1	K=1.2E0	89SR=B	90SR=6
PORT ANGELES WASH ANGELES COOP CRMY		510540009469120074130128660005000	
137CS=3.0E1	K=1.2E0	89SR=B	90SR=14
SEATTLE WASHINGTON ARDEN FARMS		510650033469120074170127660005000	
137CS=5.5E1	K=1.5E0	89SR=5	90SR=16
SEATTLE WASHINGTON DARIGOLD FARMS		510650033469120074180127660005000	
137CS=8.5E1	K=1.5E0	89SR=B	90SR=30
SEATTLE WASHINGTON FOREMOST DAIRY		510650033469120074190127660005000	
137CS=3.0E1	K=1.5E0	89SR=B	90SR=12
TACOMA WASHINGTON FLETT DAIRY		510750053469120074200128660005000	
137CS=3.0E1	K=1.5E0	89SR=B	90SR=8

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

WYOMING MILK-JAN. 01, 1966 TO JUNE 30, 1966

CASPER WYOMING MEADOW GOLD		52002002549812008725	04	28	66	284
K=1.5						
CASPER WYOMING MEADOW GOLD		52002002549812008729	04	29	66	284
137CS=2.5E01	K=1.5					
CASPER WYOMING MEADOW GOLD		52002002549812008974	04	29	66	284
137CS=1.0E01	K=1.4E00					
CASPER WYOMING MEADOW GOLD		52002002549812009181	04	30	66	284
K=1.6						
CASPER WYOMING MEADOW GOLD		52002002549812009617	05	02	66	284
137CS=1.0E01	K=1.5					
CASPER WYOMING MEADOW GOLD		52002002549812009787	05	04	66	284
137CS=3.0E01	K=1.2E00					
CASPER WYOMING MEADOW GOLD		52002002549812009872	05	06	66	284
137CS=3.5E01	K=1.2E00					
CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812008541	04	25	66	286
137CS=2.0E01	K=1.6E00	89SR=B		90SR=11		
CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812008543	04	26	66	286
137CS=1.5E01	K=1.7E00					
CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812008979	04	27	66	286
137CS=2.5E01	K=1.4E00					
CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812008985	04	28	66	286
137CS=B	K=1.6E00					

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

WYOMING MILK-JAN. 01, 1966 TO JUNE 30, 1966

CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812009330 04 29 66	286
137CS=2.0E01	K=1.1E00		
CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812009507 05 01 66	286
137CS=B	K=1.6E00		
CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812009624 05 02 66	286
137CS=2.0E01	K=1.6		
CHEYENNE WYOMING DAIRY GOLD FOODS		52003002149812009731 05 03 66	286
137CS=2.0E01	K=1.7E00		
POWELL WYOMING VALLEY DAIRY		52012002949812008943 04 26 66	281
137CS=5.0E01	K=1.6E00		
POWELL WYOMING VALLEY DAIRY		52012002949812008989 04 26 66	281
137CS=1.5E01	K=1.1E00		
POWELL WYOMING VALLEY DAIRY		52012002949812009011 04 26 66	281
137CS=3.5E01	K=1.7E00		
POWELL WYOMING VALLEY DAIRY		52012002949812008994 04 27 66	281
137CS=3.0E01	K=1.6E00		
POWELL WYOMING VALLEY DAIRY		52012002949812009002 04 27 66	281
137CS=3.0E01	K=1.0E00		
POWELL WYOMING VALLEY DAIRY		52012002949812009177 04 27 66	281
137CS=1.5E01	K=1.5		
POWELL WYOMING VALLEY DAIRY		52012002949812009173 04 29 66	281
137CS=1.5E01	K=1.6		

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

WYOMING MILK-JAN. 01, 1966 TO JUNE 30, 1966

POWELL WYOMING VALLEY DAIRY		52012002949812009521 04 29 66	281
137CS=2.0E01	K=1.5E00		
POWELL WYOMING VALLEY DAIRY		52012002949812009530 04 30 66	281
137CS=3.5E01	K=1.5E00		
POWELL WYOMING VALLEY DAIRY		52012002949812009529 05 01 66	281
137CS=1.0E01	K=1.7E00		
POWELL WYOMING VALLEY DAIRY		52012002949812009632 05 02 66	281
137CS=8	K=1.7E00		
RAWLINS WYOMING WYOMING DAIRY PROD		52013000749812008722 04 26 66	285
137CS=3.0E01	K=1.5		
RAWLINS WYOMING WYOMING DAIRY PROD		52013000749812008995 04 27 66	285
137CS=3.0E01	K=1.6E00		
RAWLINS WYOMING WYOMING DAIRY PROD		52013000749812009582 04 29 66	285
137CS=3.0E01	K=1.3E00		
RAWLINS WYOMING DAIRY PROD		52013000749812009585 04 30 66	285
K=1.4			
RAWLINS WYOMING WYOMING DAIRY PROD		52013000749812009580 05 01 66	285
137CS=2.5E01	K=1.4E00		
RAWLINS WYOMING DAIRY PROD		52013000749812009692 05 02 66	285
137CS=3.5E01	K=1.2E00		
RAWLINS WYOMING WYOMING DAIRY PROD		52013000749812009734 05 03 66	285
137CS=4.5E01	K=1.1E00	89SR=B 90SR=13	

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

APPENDIX - concluded!

WYOMING MILK-JAN. 01, 1966 TO JUNE 30, 1966

RIVERTON WYOMING MORNING STAR DAIRY 52014001349812OA8617 04 25 66 283
K=1.6E00

RIVERTON WYOMING MORNING STAR DAIRY 52014001349812008946 04 27 66 283
137CS=3.0E01 K=1.4E00

RIVERTON WYOMING MORNING STAR DAIRY 52014001349812009524 04 29 66 283
137CS=2.0E01 K=1.2E00

SHERIDAN WYOMING JERSEY CREAMERY 52016003349812008542 04 26 66 282
137CS=4.0E01 K=1.5E00

SHERIDAN WYOMING JERSEY CREAMERY 52016003349812008719 04 27 66 282
137CS=4.5E01 K=1.6

SHERIDAN WYOMING JERSEY CREAMERY 52016003349812008723 04 27 66 282
137CS=3.0E01 K=1.5

SHERIDAN WYOMING JERSEY CREAMERY 52016003349812009125 04 28 66 282
137CW=2.5E01 K=1.4

SHERIDAN WYOMING JERSEY CREAMERY 52016003349812009322 04 30 66 282
137CS=1.5E01 K=1.3E00

NOTE--LT(X) DENOTES A RESULT LESS THAN X.

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