Eley

QUIVIRA MINING COMPANY

POST OFFICE BOX 218 • GRANTS, NEW MEXICO 87020

March 7, 1986

Mr. S. E. Reynolds, State Engineer
Technical Bureau
State of New Mexico
Natural Resources Department
Water Resources Division
Bataan Memorial Building
Santa Fe, New Mexico 87503

Re: Tailings Dam in Construction,
S. E. File 2950 - Quarterly
Report

Dear Mr. Reynolds:

The mill has been in standby condition during December, January and February. No ore has been processed, however some quantities of solids are pumped to the tailings ponds as tanks are cleaned out. The quantities do not affect the configuration of either pond #1 or #2.

Seepage is occurring mostly on the south and east side of tailings pond #1. No. 1 pond solution area is very small because of evaporation and seepage. No. 2 pond has shown little change.

No aerial photographs were made this quarter as mentioned in Roger Patrick's report dated June 7, 1985. The well section drawing is enclosed and is based upon the May 27, 1985 topograph and latest well readings.

The area was inspected on February 3rd, 4th and 5th, 1986, and the following report conforms to the quarterly inspection outline of NRC Regulation Guide 3.11.1.

1. Embankment Settlement - None.

2. Embankment Slope Conditions - There are no changes in alignment, and there are no cracks or other evidence of movement.

3. Seepage - Drainage is normal and remains constant.

4. Slope Protection - Only small erosion channels from precipitation are present.

5. Emergency Discharge - N/A.

6. Instrumentation - The well readings are attached and show a slight overall decrease in the phreatic level. Two inch wells #1 through #10 and #2-1 through #2-3 indicate an increase. The instrument used to measure the wells was found to be in error. The readings after January 13, 1986 are correct.

7. Operating and Maintenance - The pond #1 decant pool elevation is 7011.1, and the freeboard is 18.3 feet. The pond #2 decant pool elevation is 6979.6 feet which is 3.4 feet lower than the 6983.0 foot limit. The beach width at Section A-A is 1400 feet.

8. Post Construction Changes - None.

The tailings dam was in good condition on the day of inspection, and based on available information it is, in my opinion, safe and is so certified. Continued inspection and surveillance should provide for its safe condition while in standby status throughout the current quarter.

Very truly yours,

QUIVIRA MINING COMPANY

Jerry J. Patterson
Mill Engineer

JJP/mt

Enc. Ambrosia Lake Tailings Dam,
S. E. File 2950-6-85
Sheet 3, Well Sections

Grants Tailings Well Fluid Elevations,
6 Sheets

xc: J. G. Randolph
H. E. Whitacre
A. E. Gebeau
J. E. Cleveland
J. K. Ma
B. Ferdinand
Radiation Protection Bureau ✓
Environmental Impact Department
File

RETURN RECEIPT REQUESTED
CERTIFIED NO. P 263 872 154

BY ____ DATE ____ SUBJECT GRANTS TAILINGS SHEET NO 1 OF 3

CHKD. BY ____ DATE ____ WELL FLUID ELEVATIONS JOB NO ____

3/4" WELLS

WELL NO.	P1	P2	P3	N3	P4	P5	N5	P6	P7
EL. COLLAR	6993.99	6990.85	6990.58	6990.58	6990.05	6988.68	6988.20	6986.91	6987.35
DEPTH	29.33	56.75	44.23		59.75	28.67	57.42	49.08	23.67
EL. BOTTOM	6964.66	6934.10	6946.25		6930.30	6960.01	6940.78	6937.83	6963.85
10-3-83	6966.66	6943.35	6948.91	DRY	6937.88	6966.85	6941.12	6944.33	6965.35
11-3	6966.41	6943.27	6948.83	✓	6937.80	6967.10	6940.87	6944.08	6964.85
12-1	6966.32	6943.27	6948.66	✓	6937.88	6967.18	6940.78	6943.58	6964.77
1-4-84	6966.16	6943.10	6948.75	✓	6937.80	6967.11	6940.70	6943.83	DRY
2-2	6966.16	6943.27	6948.75	✓	6937.80	6966.77	6940.70	6943.58	✓
3-1	6965.99	6942.93	6948.66	✓	6937.80	6966.86	6940.70	6943.74	✓
4-4	6965.74	6942.93	6948.50	✓	6937.55	6966.76	6940.45	6943.41	✓
5-1	6965.66	6942.93	6948.58	✓	6937.63	6966.68	6940.37	6943.33	✓
5-31	6965.49	6942.52	6948.33	✓	6937.05	6966.43	6940.12	6943.08	✓
7-3	DRY	6942.85	6948.41	✓	6937.22	6966.26	6939.95	6943.08	✓
8-2	✓	6942.60	6948.33	✓	6937.05	6966.18	6939.87	6942.74	✓
9-5	✓	6942.35	6948.08	✓	6936.88	6965.85	6939.70	6942.58	✓
10-1	✓	6942.43	6948.25	✓	6937.05	6966.01	6939.53	6943.68	✓
11-5	✓	6942.35	6948.08	✓	6936.88	6965.51	6939.62	6942.41	✓
EL. COLLAR	6993.99	6993.85	6993.58	6990.58	6993.05	6991.68	6991.20	6989.91	6987.35
12-4	✓	6942.35	6948.08	✓	6936.88	6965.76	6939.37	6942.33	✓
1-3	✓	6942.10	6948.00	✓	6936.72	6965.51	6939.45	6942.08	✓
2-6	✓	6942.18	6948.08	✓	6936.63	6965.43	6939.45	6942.16	✓
3-5	✓	6942.35	6948.00	✓	6936.80	6965.35	6939.37	6941.99	✓
4-2	✓	6942.02	6947.91	✓	6936.63	6965.18	6939.28	6941.91	✓
5-7	✓	6942.10	6947.83	✓	6936.30	6965.01	6938.95	6941.96	✓
6-3	✓	6942.10	6947.83	✓	6936.55	6965.10	6938.87	6941.83	✓
7-11	✓	6941.52	6947.66	✓	6936.63	6964.93	6938.78	6941.24	✓
8-12	✓	6941.77	6947.66	✓	6936.63	6964.93	6938.78	6941.24	✓
9-3	✓	6941.52	6947.58	✓	6936.13	6964.93	6938.70	6941.08	✓
10-9	✓	6941.77	6947.58	✓	6935.88	6965.01	6938.70	6941.16	✓
11-5	✓	6942.10	6947.41	✓	6936.05	6964.85	6938.45	6940.99	✓
12-4	✓	6941.85	6947.50	✓	6935.88	6964.68	6938.53	6940.74	✓
1-13-86	✓	6941.85	6947.50	✓	6935.88	6964.51	6938.45	6940.66	✓
2-5-	✓	6942.02	6947.41	✓	6935.72	6964.51	6938.37	6940.58	✓
2/27	✓	6941.85	6947.41	✓	6935.72	6964.51	6938.20	6940.66	✓

BY ____ DATE ____ SUBJECT GRANTS TAILINGS SHEET NO 2 OF 3

CHKD. BY ____ DATE ____ JOB NO ____

WELL FLUID ELEVATIONS
3/4" WELLS

WELL NO.	N7	P8	P9	N9	D10	D11	N11	P12	D13
EL. COLLAR	6987.52	6985.01	6983.86	6984.03	6981.67	6980.27	6980.53	6981.11	6979.25
DEPTH	54.21	43.50	23.17	54.46	35.75	36.83	44.58	23.25	21.92
EL. BOTTOM	6933.31	6941.51	6960.69	6929.57	6945.92	6943.39	6935.95	6957.86	6957.33
[illegible]-83	6942.44	6943.59	DRY	6950.61	DRY	DRY	6941.86	DRY	DRY
11-3	6942.02	6942.63	✓	6950.70	✓	✓	6941.70	✓	✓
12-1	6942.02	6943.51	✓	6950.78	✓	✓	6941.28	✓	✓
1-4-84	6941.94	6943.09	✓	6950.70	✓	✓	6941.36	✓	✓
2-2	6942.10	6943.18	✓	6950.53	✓	✓	6941.28	✓	✓
3-1	6941.94	6943.18	✓	6950.61	✓	✓	6941.11	✓	✓
4-6	6941.60	6943.01	✓	6950.95	✓	✓	6940.86	✓	✓
5-1	6941.60	6942.76	✓	6950.53	✓	✓	6941.03	✓	✓
5-31	6941.35	6942.76	✓	6950.36	✓	✓	6940.86	✓	✓
7-3	6941.19	6942.43	✓	6950.05	✓	✓	6940.95	✓	✓
8-2	6941.10	6942.43	✓	6950.45	✓	✓	6940.70	✓	✓
9-5	6940.85	6942.63	✓	6950.37	✓	✓	6940.53	✓	✓
EL. COLLAR	6990.52	6988.01	6983.86	6987.03	(6981.78	NEW WELL)	6983.53	6981.11	6979.25
10-1	6940.94	DRY	✓	6950.20	6937.86	✓	6940.86	✓	✓
11-5	6940.69	DRY	✓	6950.11	6937.86	✓	6940.61	✓	✓
12-4	6940.85	6942.51	✓	6949.86	6937.58	✓	6940.78	✓	✓
1-3	6940.69	✓	✓	6949.86	6937.36	✓	6940.20	✓	✓
2-6	6940.69	✓	✓	6949.86	6937.95	✓	6940.86	✓	✓
3-5	6940.69	✓	✓	6949.86	6938.20	✓	6940.61	✓	✓
4-2	6940.52	✓	✓	6949.70	6937.45	✓	6940.78	✓	✓
5-7	6940.27	✓	✓	6949.70	6937.78	✓	6940.86	✓	✓
6-3	6940.10	✓	✓	6949.58	6937.95	✓	6940.78	✓	✓
7-11	6940.19	✓	✓	6949.45	6939.86	✓	6941.03	✓	✓
8-12	6939.85	✓	✓	6949.28	6937.53	✓	6941.11	✓	✓
9-3	6939.77	✓	✓	6949.28	6938.03	✓	6940.95	✓	✓
10-9	6939.52	✓	✓	6949.45	6938.36	✓	6941.11	✓	✓
11-5	6939.52	✓	✓	6948.95	6938.53	✓	6941.20	✓	✓
12-4	6939.27	✓	✓	6949.20	6938.53	✓	6941.20	✓	✓
1-13-86	6939.35	✓	✓	6949.11	6938.53	✓	6941.20	✓	✓
2-5	6939.27	✓	✓	6949.03	6938.61	✓	6941.11	✓	✓
2-27	6939.35	✓	✓	6949.03	6938.53	✓	6941.11	✓	✓

BY ..... DATE ..... SUBJECT GRANTS TAILINGS SHEET NO 3 OF 3

CHKD. BY ..... DATE ..... WELL FLUID ELEVATIONS JOB NO .....

3/4" WELLS

WELL NO.	P14	P15	N15	P16	P17	P18	P19		
EL. COLLAR	6976.11	6976.76	6976.86	6980.79	6980.50	6979.39	6975.73		
DEPTH	21.25	15.0	28.29	18.83	20.37	17.25	12.83		
EL. BOTTOM	6954.86	6161.76	6948.57	6961.96	6959.83	6962.14	6962.90		
10-3-83	DRY	DRY	DRY	DRY	DRY	DRY	6964.81		
11-3	✓	✓	✓	✓	✓	✓	6964.90		
12-1	✓	✓	✓	✓	✓	✓	6964.31		
1-4-84	✓	✓	✓	✓	✓	✓	6964.15		
2-2	✓	✓	✓	✓	✓	✓	6964.31		
3-1	✓	✓	✓	✓	✓	✓	6964.15		
4-4	✓	✓	✓	✓	✓	✓	6964.05		
5-1	✓	✓	✓	✓	✓	✓	6964.51		
5-31	✓	✓	✓	✓	✓	✓	6964.23		
7-3	✓	✓	✓	✓	✓	✓	6964.48		
8-2	✓	✓	✓	✓	✓	✓	6964.56		
9-5	✓	✓	✓	✓	✓	✓	6964.56		
10-1	✓	✓	✓	✓	✓	✓	6964.56		
11-5	✓	✓	✓	✓	✓	✓	6964.31		
12-4	✓	✓	✓	✓	✓	✓	6964.23		
1-3	✓	✓	✓	✓	✓	✓	6964.06		
2-6	✓	✓	✓	✓	✓	✓	6964.15		
3-5	✓	✓	✓	✓	✓	✓	6963.98		
4-2	✓	✓	✓	✓	✓	✓	DRY		
5-7	✓	✓	✓	✓	✓	✓	6964.15		
6-3	✓	✓	✓	✓	✓	✓	6964.15		
7-11	✓	✓	✓	✓	✓	✓	6964.15		
8-12	✓	✓	✓	✓	✓	✓	6964.40		
9-3	✓	✓	✓	✓	✓	✓	6964.23		
10-9	✓	✓	✓	✓	✓	✓	6964.15		
11-5	✓	✓	✓	✓	✓	✓	6963.98		
12-4	✓	✓	✓	✓	✓	✓	DRY @	6963.98	
1-13 86	✓	✓	✓	✓	✓	✓	✓		
2-5	✓	✓	✓	✓	✓	✓	✓		
2-27	✓	✓	✓	✓	✓	✓	✓		

BY R.B.P. DATE SUBJECT GRANTS, TAILINGS SHEET NO. 2 OF

CHKD BY DATE JOB NO.

WELL FLUID ELEVATIONS
HALL PIEZOMETER WELLS
EL. = EL. BOTTOM + (READING - CAL. FACTOR) 2.31

WELL NO	PP1	PP2	PP3	PP4	PP5	PP6	PP7
CAL. FACTOR	0.82	0.87	0.95	1.1	1.0	0.78	1.05
CELL TIP EL.	6962.34	6962.34	6962.34	6964.84	6962.34	6960.84	6963.34
SERIAL NO	1890	1887	1832	1963	2107	1893	1987
4-5-83	6981.0	6976.96	6969.15	6971.54	6966.96	6963.43	6969.69
5-5	6981.24	6977.19	6968.92	6971.77	6966.96	6963.66	6970.15
6-2	6981.00	6976.73	6968.72	6971.31	6966.61	6963.43	6969.81
7-14	6980.77	6976.50	6968.58	6970.96	6966.50	6963.20	6970.04
8-9	6980.54	6976.73	6968.46	6970.62	6966.50	6963.20	6969.92
9-6	6980.66	6976.50	6968.35	6970.50	6966.15	6963.08	6969.69
10-3	6981.00	6976.50	6968.46	6970.85	6966.84	6962.97	6969.69
11-3	6980.77	6976.04	6968.23	6970.38	6965.57	6962.50	6969.69
12-1	6980.31	6975.81	6968.12	6970.15	6965.57	6962.50	6969.92
1-4-84	6979.85	6975.23	6967.65	6969.81	6965.11	6962.27	6969.46
2-6	6979.62	6975.11	6967.54	6969.69	6965.11	6962.04	6969.46
3-1	6979.50	6974.88	6967.54	6969.69	6965.00	6962.04	6969.23
4-3	6979.15	6974.65	6967.19	6969.46	6965.00	6961.93	6969.46
5-8	6978.81	6973.96	6966.68	6969.22	6964.95	6961.81	6969.23
5-21	6978.69	6973.84	6966.73	6969.46	6965.23	6962.04	6969.46
7-3	6978.93	6973.61	6967.08	6969.46	6965.69	6962.73	6969.69
8-1	6979.04	6973.68	6966.84	6969.46	6965.81	6962.73	6970.15
9-5	6978.93	6973.50	6966.84	6969.69	6965.69	6962.50	6969.92
10-1	6978.93	6973.50	BO	6969.69	6965.81	6962.73	6970.15
11-5	6978.46	6973.27	BO	6969.69	6965.57	6962.27	6969.81
12-3	6978.35	6973.15	12/5/84 6966.84	6969.92	6965.81	6962.50	6969.92
1-3-85	6978.00	6972.57	6966.61	6969.69	6965.34	6962.27	6969.46
2-6	6977.77	6972.57	6966.84	6970.04	6965.34	6962.39	6969.46
3-5	6977.77	6972.69	6967.08	6970.27	6965.34	6962.27	6969.35
4-4	6977.54	6972.57	6967.08	6970.38	6965.11	6962.04	6969.23
5-7	6977.54	6972.34	6967.42	6970.62	6965.11	6962.16	6969.00
6-3	6977.54	6972.57	6967.77	6970.73	6965.34	6962.27	6969.12
7-9	6977.08	6972.34	6967.54	6970.38	6965.00	6962.04	6968.77
8-9	6977.31	6972.57	6968.00	6970.73	6965.11	6962.39	6969.00
9-3	6977.31	6972.57	6968.23	6970.73	6965.11	6962.39	6968.88
10-9	6977.19	6972.80	6968.12	6970.50	6964.88	6962.27	6968.77
11-4	6977.19	6972.68	6968.00	6970.38	6964.65	6962.04	6968.65
12-4	6976.85	6972.57	6967.77	6970.15	6964.42	6961.69	6968.31
1-13-86	6976.85	6972.80	6967.77	6970.27	6964.30	6961.81	6968.42
2-7	6977.08	6972.92	6967.88	6970.38	6964.42	6962.16	6968.77
3-4	6976.62	6972.57	6967.54	6969.92	6964.07	6961.69	6968.08

BY ____ DATE ____ SUBJECT GRANTS, TAILINGS SHEET NO. 2 OF ____

CHKD. BY ____ DATE ____ JOB NO. ____

WELL FLUID ELEVATIONS
2" WELLS 1 THRU 7

WELL NO.	1	2	3	4	5	6	7	
EL. TOP OF PIPE	7025.47	7026.64	7028.65	7024.45	7026.14	7028.08	7018.24	
DEPTH				99.0	95.0	106.0		
EL. BOTTOM	6927.02	6922.30	6937.65	6925.65	6931.14	6922.08	6925.20	
WATER EL. 10-1-82	6991.55	6994.22	6984.32	6951.45	6950.06	6947.66	6959.82	
11-1-82	6990.80	6993.81	6982.90	6951.37	6951.14	6947.50	6959.57	
12-1-82	6991.20	6993.64	6982.65	6950.95	6954.22	6947.75	6959.76	
1-3-83	6991.97	6993.34	PLUGGED	6953.25	6955.04	6947.28	6959.34	
2-1-83	6991.67	6993.04	—	6953.25	6954.74	6947.28	6958.64	
3-1-83	6991.47	6992.64	—	6953.35	6154.94	6948.08	6958.94	
4-5-83	6991.17	6992.24	—	6953.25	6954.54	6946.78	6958.74	
5-5-83	6991.05	6991.97	—	6952.20	6954.64	6946.75	6958.57	
6-2-83	6990.57	6992.54	—	6952.45	6954.14	6946.28	6958.24	
7-1-83	6989.97	6991.04	—	6952.45	6954.04	6946.08	6958.24	
8-9-83	6989.67	6990.64	—	6952.25	6953.94	6945.88	6957.94	
9-6-83	6989.47	6990.54	—	6952.35	6953.74	6945.68	6957.74	
10-3-83	6989.37	6990.04	6981.45	6951.25	6953.64	6945.58	6957.84	
11-3-83	6989.87	6989.84	6981.35	6952.05	6952.54	6945.48	6957.74	
12-1-83	6988.77	6989.54	6981.45	6951.85	6953.14	6945.18	6957.54	
1-4-84	6988.47	6989.34	6981.05	6951.65	6953.14	6945.08	6957.34	
2-2	6988.47	6989.24	PLUGGED	6951.85	6953.34	6945.08	6957.44	
3-1	6988.27	6988.94	6980.95	6951.75	6953.14	6945.38	6957.34	
4-3	6987.87	6988.54	6980.25	6951.65	6952.84	6944.38	6957.24	
5-3	6987.67	6988.24	PLUGGED	6951.45	6952.64	6944.38	6956.94	
5-31	6987.57	6988.24	6980.35	6951.45	6952.74	6944.58	6956.84	
7-3	6987.27	6988.04	6979.75	6951.55	6952.64	6944.28	6956.84	
8-1	6987.27	6987.94	6979.25	6951.15	6952.44	6943.98	6956.64	
9-5	6987.07	6987.54	6979.82	6951.45	6952.44	6944.08	6956.64	
10-1	X	X	X	X	X	X	6956.64	X INACCESSABLE
11-5	X	X	X	X	X	X	6956.64	
EL. TOP OF PIPE	7031.72	7034.24						
11-28	6989.42	7013.74	7018.85	6945.85	6948.94	6939.38	6956.64	
1-3-85	6990.42	7013.24	PLUGGED	6945.45	X	6939.28	6956.54	
2-6	6991.12	7013.54	✓	6946.15	6948.94	6939.28	6956.64	
EL. TOP OF PIPE	7031.72	7034.24	7028.65	7030.45	7034.14	7034.08	7018.24	
3-5	6991.52	7012.44	✓	6945.95	6948.74	6939.08	6956.64	
4-2	6991.72	7011.24	✓	6945.45	6948.24	6938.98	6956.69	
5-6	6993.92	7010.44	✓	6945.45	6948.74	6938.98	6956.74	
6-3	6992.22	7009.44 PLUGGED	✓	6946.05	6948.84	6939.08	6956.74	
7-10	6991.82	7009.44	✓	6945.05	6948.84	6938.98	6956.74	
EL. TOP OF PIPE	7031.72	7034.24	7026.65	7030.45	7032.14	7032.08	7018.24	
8-12	6991.82	✓	✓	6946.15	6949.14	6939.08	6956.94	
9-3	6991.92	✓	✓	6946.35	6949.44	6939.38	6956.84	
10-9	6991.72	✓	✓	6946.45	6949.44	6939.48	6957.14	
11-8	6991.42	✓	✓	6946.25	6949.34	6939.58	6957.04	
12-4	6990.72	✓	✓	6945.75	6949.14	6939.18	6956.84	

GRANTS TAILINGS
WELL FLUID ELEVATIONS

1 THRU 7
2" WELLS

WELL NO.	1	2	3	4	5	6	7
EL. TOP OF PIPE	7021.92	7034.24	7026.65	7030.49	7031.14	7032.02	7018.24
DEPTH							
EL. BOTTOM	6997.02	6922.32	6937.65	6925.65	6921.14	6922.02	6925.20
WATER EL. 1-13-82	6990.30	PLUGGED	PLUGGED	6945.75	6947.14	6939.32	6951.54
2-5	6991.30	✓	✓	6949.72	6950.72	6940.66	6957.91
2-27	6990.80	✓	✓	6947.62	6950.47	6940.75	6957.82

WELL FLUID ELEVATIONS

WELLS B-9-10
POND 2 - 2-1, 2-2, 2-3

WELL NO.	B	9	10		2-1	2-2	2-3	
EL. TOP OF PIPE	7025.58	7030.28	7030.10		7002.34	7002.16	7001.88	
DEPTH	96.0	100.00	67.75					
EL. BOTTOM	6929.58	6930.28	6962.35					
7-1-B2	6945.58	6942.61	6971.52					
B-2	6946.63	6944.11	6971.60					
9-1	6946.75	6945.36	6973.02					
10-1	6946.25	6943.95	6972.10					
11-1	6946.51	6944.61	6972.43					
12-1	X	6944.03	6972.43					X INACCESSIBLE
1-3-B3	6939.98	6951.18	6972.5					
2-7	X	X	6972.5					
3-1	X	X	6972.5					
4-5	X		6972.5					
EL. TOP OF PILE	7023.95	7027.71						
5-5	6945.78	6946.01	6972.5					
6-2	6946.48	6945.71	6972.8					
7-1	6946.28	6945.71	6972.6					
8-9	6946.18	6945.11	6972.7					
9-6	6946.08	6945.51	6972.9					
10-3	6945.98	6945.71	6973.10					
11-3	6946.18	6945.61	6973.10					
12-1	6946.28	6945.71	X		6974.94	6983.06	PLUGGED	
1-4-B4	6926.18	6945.41	6973.1 (1)		6974.84	6983.66		(1) COL. EL 7026.7
2-2	6926.18	6945.71	6973.4		6975.34	6986.26	6985.58	
3-1	6946.18	6946.11	6973.5		6976.34	6988.66	6985.88	
4-3	6946.28	6946.01	X		6977.14	6988.16	6985.28	
5-3	6946.18	6945.91	6973.90		6977.34	6987.76	6984.18	
5-31	6945.98	6945.71	6974.10		6977.24	6987.36	6984.98	
7-3	6945.58	6945.71	6974.00		6976.24	6986.76	6983.98	
8-1	6945.58	6945.31	6974.00		6976.54	6986.36	6983.88	
9-5	6945.48	6945.41	6974.10		6976.14	6986.66	6983.38	
10-1	6945.40	6945.71	6974.40		6976.04	6986.46	6983.58	
11-5	6945.48	6945.31	6974.20		6975.74	6985.96	6983.48	
12-3	6946.73	6946.71	6974.87		6976.09	6985.91	6983.13	
1-3-B5	6945.38	6945.21	6974.00		6975.04	6982.96	6982.68	
2-6	6945.58	6945.61	6974.20		6975.14	6982.46	6982.18	
3-5	6945.58	6945.51	6973.90		6974.84	6984.96	6981.68	
4-2	6944.98	6944.91	6973.80		6974.44	6984.86	6981.58	
5-6	6944.98	6945.21	6973.80		6974.14	6985.26	6982.28	
6-3	6944.98	6944.81	6973.70		6974.14	6985.86	6981.28	
7-10	6944.58	6945.01	6973.50		6973.84	6985.86	6981.08	
8-12	6944.58	6945.01	6973.50		6972.74	6985.76	6981.22	
9-3	6944.78	6945.01	6973.60		6973.64	6985.76	6981.18	
10-9	6944.68	6945.01	6973.40		6973.44	6985.16	6981.08	
11-8	6944.78	6944.71	6973.30		6973.34	6984.86	6980.88	
12-4	6944.78	6944.31	6972.70		6972.94	6984.16	6980.48	
1-13-B6	6943.98	6944.31	6972.80		6972.54	6983.46	6979.98	
2-5	6945.31	6945.79	6974.20		6972.75	6983.66	6980.30	
2-28	6945.03	6945.71	6974.03		6972.75	6983.46	6980.05	

OVERSIZE
DOCUMENT
PAGE(S) PULLED

SEE APERTURE CARD FILES

APERTURE CARD/PAPER COPY AVAILABLE THROUGH NRC FILE CENTER

NUMBER OF OVERSIZE PAGES FILMED ON APERTURE CARD(S) 1

ACCESSION NUMBERS OF OVERSIZE PAGES:

9803270156

DRP-01

Terry / Flo

QUIVIRA MINING COMPANY
POST OFFICE BOX 218 • GRANTS, NEW MEXICO 87020

December 9, 1985

Mr. S. E. Reynolds, State Engineer
Technical Bureau
State of New Mexico
Natural Resources Department
Water Resources Division
Bataan Memorial Building
Santa Fe, New Mexico 87503

Re: Tailings Dam in Construction,
S. E. File 2950 - Quarterly
Report

Dear Mr. Reynolds:

The mill has been in standby condition during September, October and November. No ore has been processed, and no deposition of solid has occurred on tailings pond #1 or #2. Small amounts of stave and wash water have been pumped to both ponds.

Seepage is occurring mostly on the south and east side of tailings pond #1. Low evaporation and unusual precipitation has resulted in very little change in solution levels.

No aerial photographs were made this quarter as mentioned in Roger Patrick's report dated June 7, 1985. The well section drawing is enclosed and is based upon the May 27, 1985 topograph and latest well readings.

The area was inspected on December 4th, 5th, and 6th, 1985, and the following report conforms to the quarterly inspection outline of NRC Regulation Guide 3.11.1.

1. Embankment Settlement - None.

2. Embankment Slope Conditions - There are no changes in alignment, and there are no cracks or other evidence of movement.

3. Seepage - Drainage is normal and continues to decrease.

4. Slope Protection - Only small erosion channels from precipitation are present.

5. Emergency Discharge - N/A

6. Instrumentation - The well readings are attached and show a slight overall decrease in the phreatic level.

7. Operating and Maintenance - The pond #1 decant pool elevation is 7012.4, and the freeboard is 17.0 feet. The pond #2 decant pool elevation is 6979.7 feet which is 3.3 feet lower than the 6983.0 foot limit. The beach width at Section A-A is 1300 feet.

8. Post Construction Changes - None.

The tailings dam was in good condition on the day of inspection, and based on available information it is, in my opinion, safe and is so certified. Continued inspection and surveillance should provide for its safe condition while in standby status throughout the current quarter.

Very truly yours,

QUIVIRA MINING COMPANY

Jerry J. Patterson
Mill Engineer

JJP/mt

Enc. Ambrosia Lake Tailings Dam,
S. E. File 2950-6-85
Sheet 3, Well Sections

Grants Tailings Well Fluid Elevations,
6 Sheets

xc: J. G. Randolph
R. P. Luke
H. E. Whitacre
A. E. Gebeau
J. E. Cleveland
Radiation Protection Bureau
Environmental Impact Department
File
J. K. Ma

RETURN RECEIPT REQUESTED
CERTIFIED NO. P 263 872 141

BY R.B.P. DATE SUBJECT GRANTS, TAILINGS SHEET NO. 2 OF

CHKD. BY DATE WELL FLUID ELEVATIONS JOB NO.

HALL PIEZOMETER WELLS

EL. = EL. BOTTOM + (READING - CAL. FACTOR) 2.31

WELL NO	PP1	PP2	PP3	PP4	PP5	PP6	PP7
CAL. FACTOR	0.82	0.87	0.95	1.1	1.0	0.78	1.05
CELL TIP EL.	6962.34	6962.34	6962.34	6964.84	6962.34	6960.34	6963.34
SERIAL NO	1890	1887	1832	1963	2107	1893	1987
4-5-83	6981.0	6976.96	6969.15	6971.54	6966.96	6963.43	6969.69
5-5	6981.24	6977.19	6968.92	6971.77	6966.96	6963.66	6970.15
6-2	6981.00	6976.73	6968.92	6971.31	6966.61	6963.43	6969.81
7-14	6980.77	6976.50	6968.58	6970.96	6966.50	6963.20	6970.04
8-9	6980.54	6976.73	6968.46	6970.62	6966.50	6963.20	6969.92
9-6	6980.66	6976.50	6968.35	6970.50	6966.15	6963.08	6969.69
10-3	6981.00	6976.50	6968.46	6970.85	6966.84	6962.97	6969.69
11-3	6988.77	6976.04	6968.23	6970.38	6965.57	6962.50	6969.69
12-1	6980.31	6975.81	6968.12	6970.15	6965.57	6962.50	6969.92
1-4-84	6979.85	6975.23	6967.65	6969.81	6965.11	6962.27	6969.46
2-6	6979.62	6975.11	6967.54	6969.69	6965.11	6962.04	6969.46
3-1	6979.50	6974.88	6967.54	6969.69	6965.00	6962.04	6969.23
4-3	6979.15	6974.65	6967.19	6969.46	6965.00	6961.93	6969.46
5-8	6978.81	6973.96	6966.68	6969.22	6964.95	6961.81	6969.23
5-31	6978.69	6973.84	6966.73	6969.46	6965.23	6962.04	6969.46
7-3	6978.93	6973.61	6967.08	6969.46	6965.69	6962.73	6969.69
8-1	6979.04	6973.68	6966.84	6969.46	6965.81	6962.73	6970.15
9-5	6978.93	6973.50	6966.84	6969.69	6965.69	6962.50	6969.92
10-1	6978.93	6973.50	BO	6969.69	6965.81	6962.73	6970.15
11-5	6978.46	6973.27	BO	6969.69	6965.57	6962.27	6969.81
12-3	6978.35	6973.15	12/5/84 6966.84	6969.92	6965.81	6962.50	6969.92
1-3-85	6978.00	6972.57	6966.61	6969.69	6965.34	6962.27	6969.46
2-6	6977.77	6972.57	6966.84	6970.04	6965.34	6962.39	6969.46
3-5	6977.77	6972.69	6967.08	6970.27	6965.34	6962.27	6969.35
4-4	6977.54	6972.57	6967.08	6970.38	6965.11	6962.04	6969.23
5-7	6977.54	6972.34	6967.42	6970.62	6965.11	6962.16	6969.00
6-3	6977.54	6972.57	6967.77	6970.73	6965.34	6962.27	6969.12
7-9	6977.08	6972.34	6967.54	6970.38	6965.00	6962.04	6968.77
8-9	6977.31	6972.57	6968.00	6970.73	6965.11	6962.39	6969.00
9-3	6977.31	6972.57	6968.23	6970.73	6965.11	6962.39	6968.88
10-9	6977.19	6972.80	6968.12	6970.50	6964.88	6962.27	6968.77
11-4	6977.19	6972.68	6968.00	6970.38	6964.65	6962.04	6968.65
12-4	6976.85	6972.57	6967.77	6970.15	6964.42	6961.69	6968.31

BY ..... DATE ..... SUBJECT GRANTS, TAILINGS ..... SHEET NO 2 OF .....

CHKD. BY ..... DATE ..... WELL FLUID ELEVATIONS ..... JOB NO. .....

2" WELLS 1 THRU 7

WELL NO.	1	2	3	4	5	6	7	
EL. TOP OF PIPE	7025.47	7026.64	7028.65	7024.45	7026.14	7028.08	7018.24	
DEPTH				99.0	95.0	106.0		
EL. BOTTOM	6927.02	6922.38	6937.65	6925.65	6931.14	6922.08	6925.20	
WATER EL. 10-1-82	6991.55	6994.22	6984.32	6951.45	6950.06	6947.66	6959.82	
11-1-82	6990.80	6993.81	6982.90	6951.37	6951.14	6947.50	6959.57	
12-1-82	6991.30	6993.64	6983.65	6950.95	6954.22	6947.75	6959.76	
1-3-83	6991.97	6993.34	PLUGGED	6953.25	6955.04	6947.28	6959.24	
2-1-83	6991.67	6993.04	—	6953.25	6954.74	6947.28	6958.64	
3-1-83	6991.47	6992.64	—	6953.35	6154.94	6948.08	6958.94	
4-5-83	6991.17	6992.24	—	6953.25	6954.54	6946.78	6958.74	
5-5-83	6991.05	6991.97	—	6953.20	6954.64	6946.75	6958.57	
6-2-83	6990.57	6992.54	—	6952.45	6954.14	6946.28	6958.24	
7-1-83	6989.97	6991.04	—	6952.45	6954.04	6946.08	6958.24	
8-9-83	6989.67	6990.64	—	6952.25	6953.94	6945.88	6957.94	
9-6-83	6989.47	6990.54	—	6952.35	6953.74	6945.68	6957.74	
10-3-83	6989.37	6990.04	6981.45	6951.25	6953.64	6945.58	6957.84	
11-3-83	6989.87	6989.84	6981.35	6952.05	6953.54	6945.48	6957.74	
12-1-83	6988.77	6989.54	6981.45	6951.85	6953.14	6945.18	6957.54	
1-4-84	6988.47	6989.34	6981.05	6951.65	6953.14	6945.08	6957.34	
2-2	6988.47	6989.29	PLUGGED	6951.85	6953.34	6945.08	6957.44	
3-1	6988.27	6988.94	6980.45	6951.75	6953.14	6945.38	6957.34	
4-3	6987.87	6988.54	6980.25	6951.65	6952.84	6944.68	6957.24	
5-3	6987.67	6988.24	PLUGGED	6951.45	6952.64	6944.38	6956.94	
5-31	6987.57	6988.24	6980.35	6951.45	6952.74	6944.58	6956.84	
7-3	6987.27	6988.04	6979.75	6951.55	6952.64	6944.28	6956.84	
8-1	6987.27	6987.94	6979.25	6951.15	6952.44	6943.98	6956.64	
9-5	6987.07	6987.54	6979.82	6951.45	6952.44	6944.08	6956.64	
10-1	X	X	X	X	X	X	6956.64	X INACCESSABLE
11-5	X	X	X	X	X	X	6956.64	
EL. TOP OF PIPE	7031.72	7034.24						
11-28	6989.42	7013.74	7010.85	6945.85	6948.94	6939.38	6956.64	
1-3-85	6990.42	7013.24	PLUGGED	6945.45	X	6939.28	6956.54	
2-6	6991.12	7013.54	✓	6946.15	6948.94	6939.28	6956.64	
EL. TOP OF PIPE	7031.72	7034.24	7028.65	7030.45	7034.14	7034.08	7018.24	
3-5	6991.52	7012.44	✓	6945.95	6948.74	6939.08	6956.64	
4-2	6991.72	7011.24	✓	6945.45	6948.24	6938.98	6956.64	
5-6	6993.92	7010.44	✓	6945.45	6948.74	6938.98	6956.74	
6-3	6992.22	7009.44	✓	6946.05	6948.84	6939.08	6956.74	
7-10	6991.82	PLUGGED 7009.44	✓	6945.05	6948.84	6938.98	6956.74	
EL. TOP OF PIPE	7031.72	7034.24	7026.65	7030.45	7032.14	7032.08	7018.24	
8-12	6991.82	✓	✓	6946.15	6949.14	6939.08	6956.94	
9-3	6991.92	✓	✓	6946.35	6949.44	6939.38	6956.84	
10-9	6991.72	✓	✓	6946.45	6949.44	6939.48	6957.14	
11-8	6991.42	✓	✓	6946.25	6949.34	6939.58	6957.04	
12-4	6990.72	✓	✓	6945.75	6949.14	6939.18	6956.84	

GRANTS TAILINGS
WELL FLUID ELEVATIONS

WELLS 8-9-10
POND 2 - 2-1, 2-2, 2-3

WELL NO.	8	9	10		2-1	2-2	2-3	
EL. TOP OF PIPE	7025.58	7030.28	7020.10		7002.34	7002.16	7001.88	
DEPTH	96.0	100.00	67.75					
EL. BOTTOM	6929.58	6930.28	6952.35					
7-1-B2	6945.58	6942.61	6971.52					
8-2	6946.63	6944.11	6971.60					
9-1	6946.75	6945.36	6973.02					
10-1	6946.25	6943.95	6972.10					
11-1	6946.51	6944.61	6972.43					
12-1	X	6944.03	6972.63					X INACCESSABLE
1-3-B3	6939.98	6951.18	6972.5					
2-7	X	X	6972.5					
3-1	X	X	6972.5					
4-5	X		6972.5					
EL. TOP OF FILL	7037.96	7037.71						
5-5	6945.98	6946.01	6972.5					
6-2	6946.48	6945.71	6972.8					
7-1	6946.28	6945.71	6972.6					
8-9	6946.18	6945.11	6972.7					
9-6	6946.08	6945.51	6972.9					
10-3	6945.98	6945.71	6973.10					
11-3	6946.18	6945.61	6973.10					
12-1	6946.28	6945.71	X		6974.94	6983.06	PLUGGED	
1-4-B4	6946.18	6945.41	6973.1 (1)		6974.84	6983.66		(1) COL. EL 7026.7
2-2	6946.18	6945.71	6973.4		6975.34	6986.26	6985.58	
3-1	6946.18	6946.11	6973.5		6976.34	6988.66	6985.88	
4-3	6946.28	6946.01	X		6977.14	6988.16	6985.28	
5-3	6946.18	6945.91	6973.90		6977.39	6987.76	6984.18	
5-31	6945.98	6945.71	6974.10		6977.24	6987.36	6984.98	
7-3	6945.58	6945.71	6974.00		6976.24	6986.76	6983.98	
8-1	6945.58	6945.31	6974.00		6976.54	6986.36	6983.88	
9-5	6945.48	6945.41	6974.10		6976.14	6986.66	6983.38	
10-1	6945.40	6945.71	6974.40		6976.04	6986.46	6983.58	
11-5	6945.48	6945.31	6974.20		6975.74	6985.96	6983.48	
12-3	6946.73	6946.71	6974.87		6976.09	6985.91	6983.13	
1-3-B5	6945.38	6945.21	6974.00		6975.04	6982.96	6982.68	
2-6	6945.58	6945.61	6974.20		6975.14	6982.46	6982.18	
3-5	6945.58	6945.51	6973.90		6974.84	6984.96	6981.88	
4-2	6944.98	6944.91	6973.80		6974.44	6984.86	6981.58	
5-6	6944.98	6945.21	6973.80		6974.14	6985.26	6982.28	
6-3	6944.98	6944.81	6973.70		6974.14	6985.86	6981.28	
7-10	6944.58	6945.01	6973.50		6973.84	6985.86	6981.08	
8-12	6944.58	6945.01	6973.50		6973.74	6985.76	6981.28	
9-3	6944.78	6945.01	6973.60		6973.64	6985.76	6981.18	
10-9	6944.68	6945.01	6973.40		6973.44	6985.16	6981.08	
11-8	6944.78	6944.71	6973.30		6973.34	6984.86	6980.88	
12-4	6944.78	6944.31	6972.70		6972.94	6984.16	6980.48	

BY ____ DATE ____ SUBJECT GRANTS TAILINGS — SHEET NO 1 OF 3

CHKD. BY ____ DATE ____ WELL FLUID ELEVATIONS — JOB NO ____

3/4" WELLS

WELL NO.	P1	P2	P3	N3	P4	P5	N5	P6	P7
EL. COLLAR	6993.99	6990.85	6990.58	6990.58	6990.05	6988.68	6988.20	6986.91	6987.35
DEPTH	29.33	56.75	41.33		59.75	28.67	57.42	49.08	23.67
EL. BOTTOM	6964.66	6934.10	6946.25		6930.30	6960.01	6940.78	6937.83	6963.85
10-3-83	6966.66	6943.35	6948.91	DRY	6937.88	6966.85	6941.12	6944.33	6965.35
11-3	6966.41	6943.27	6948.83	✓	6937.80	6967.10	6940.87	6944.08	6964.85
12-1	6966.32	6943.27	6948.66	✓	6937.88	6967.18	6940.78	6943.58	6964.77
1-4-84	6966.16	6943.10	6948.75	✓	6937.80	6967.11	6940.76	6943.83	DRY
2-2	6966.16	6943.27	6948.75	✓	6937.80	6966.77	6940.70	6943.58	✓
3-1	6965.99	6942.93	6948.66	✓	6937.80	6966.86	6940.70	6943.74	✓
4-4	6965.74	6942.93	6948.50	✓	6937.55	6966.76	6940.95	6943.41	✓
5-1	6965.66	6942.93	6948.58	✓	6937.63	6966.68	6940.37	6943.33	✓
5-31	6965.49	6942.52	6948.33	✓	6937.05	6966.43	6940.12	6943.08	✓
7-3	DRY	6942.85	6948.41	✓	6937.22	6966.26	6939.95	6943.08	✓
8-2	✓	6942.60	6948.33	✓	6937.05	6966.18	6939.87	6942.74	✓
9-5	✓	6942.35	6948.08	✓	6936.88	6965.85	6939.70	6942.58	✓
10-1	✓	6942.43	6948.25	✓	6937.05	6966.01	6939.53	6943.68	✓
11-5	✓	6942.35	6948.08	✓	6936.88	6965.51	6939.62	6942.41	✓
EL. COLLAR	6993.49	6993.85	6993.58	6990.58	6993.05	6991.68	6991.20	6989.91	6987.35
12-4	✓	6942.35	6948.08	✓	6936.88	6965.76	6939.37	6942.33	✓
1-3	✓	6942.10	6948.00	✓	6936.72	6965.51	6939.45	6942.08	✓
2-6	✓	6942.18	6948.08	✓	6936.63	6965.43	6939.45	6942.16	✓
3-5	✓	6942.35	6948.00	✓	6936.80	6965.35	6939.37	6941.99	✓
4-2	✓	6942.02	6947.91	✓	6936.63	6965.18	6939.28	6941.91	✓
5-7	✓	6942.10	6947.83	✓	6936.30	6965.01	6938.95	6941.96	✓
6-3	✓	6942.10	6947.83	✓	6936.55	6965.10	6938.87	6941.83	✓
7-11	✓	6941.52	6947.66	✓	6936.63	6964.93	6938.78	6941.24	✓
8-12	✓	6941.77	6947.66	✓	6936.63	6964.93	6938.78	6941.24	✓
9-3	✓	6941.52	6947.58	✓	6936.13	6964.93	6938.70	6941.08	✓
10-9	✓	6941.77	6947.58	✓	6935.88	6965.01	6938.70	6941.16	✓
11-5	✓	6942.10	6947.41	✓	6936.05	6964.85	6938.45	6940.99	✓
12-4	✓	6941.85	6947.50	✓	6935.88	6964.68	6938.53	6940.74	✓

BY ..... DATE ..... SUBJECT GRANTS TAILINGS ..... SHEET NO 2 OF 3

CHKD BY ..... DATE ..... WELL FLUID ELEVATIONS ..... JOB NO .....

3/4" WELLS

WELL NO.	N7	P8	P9	N9	D10	D11	N11	P12	D13
EL. COLLAR	6987.52	6985.01	6983.86	6984.03	6981.67	6980.22	6980.53	6981.11	6979.25
DEPTH	54.21	43.50	23.17	54.46	35.75	36.83	44.58	23.25	21.92
EL. BOTTOM	6933.31	6941.51	6960.69	6929.57	6945.92	6943.39	6935.95	6957.86	6957.33
10-3-83	6942.44	6943.59	DRY	6950.61	DRY	DRY	6941.86	DRY	DRY
11-3	6942.02	6942.68	✓	6950.70	✓	✓	6941.70	✓	✓
12-1	6942.02	6943.51	✓	6950.78	✓	✓	6941.28	✓	✓
1-4-84	6941.94	6943.09	✓	6950.70	✓	✓	6941.36	✓	✓
2-2	6942.10	6943.18	✓	6950.53	✓	✓	6941.28	✓	✓
3-1	6941.94	6943.18	✓	6950.61	✓	✓	6941.11	✓	✓
4-4	6941.60	6943.01	✓	6950.95	✓	✓	6940.86	✓	✓
5-1	6941.60	6942.76	✓	6950.53	✓	✓	6941.03	✓	✓
5-31	6941.35	6942.76	✓	6950.36	✓	✓	6940.86	✓	✓
7-3	6941.19	6942.43	✓	6950.45	✓	✓	6940.95	✓	✓
8-2	6941.10	6942.43	✓	6950.45	✓	✓	6940.70	✓	✓
9-5	6940.85	6942.43	✓	6950.22	✓	✓	6940.53	✓	✓
EL. COLLAR	6990.52	6988.01	6983.86	6987.03	(6981.78	NEW WELL)	6983.53	6981.11	6979.25
10-1	6940.54	DRY	✓	6950.20	6937.86	✓	6940.86	✓	✓
11-5	6940.69	DRY	✓	6950.11	6937.86	✓	6940.61	✓	✓
12-4	6940.85	6942.51	✓	6949.86	6937.58	✓	6940.78	✓	✓
1-3	6940.69	✓	✓	6949.86	6937.36	✓	6940.20	✓	✓
2-6	6940.69	✓	✓	6949.86	6937.95	✓	6940.86	✓	✓
3-5	6940.69	✓	✓	6949.86	6938.20	✓	6940.61	✓	✓
4-2	6940.52	✓	✓	6949.70	6937.45	✓	6940.78	✓	✓
5-7	6940.27	✓	✓	6949.70	6937.78	✓	6940.86	✓	✓
6-3	6940.10	✓	✓	6949.58	6937.95	✓	6940.78	✓	✓
7-11	6940.19	✓	✓	6949.45	6939.86	✓	6941.03	✓	✓
8-12	6939.85	✓	✓	6949.28	6937.53	✓	6941.11	✓	✓
9-3	6939.77	✓	✓	6949.28	6938.03	✓	6940.95	✓	✓
10-9	6939.52	✓	✓	6949.45	6938.36	✓	6941.11	✓	✓
11-5	6939.52	✓	✓	6948.95	6938.53	✓	6941.20	✓	✓
12-4	6939.27	✓	✓	6949.20	6938.53	✓	6941.20	✓	✓

BY ____ DATE ____ SUBJECT GRANTS TAILINGS SHEET NO 3 OF 3

CHKD. BY ____ DATE ____ WELL FLUID ELEVATIONS JOB NO ____

3/4" WELLS

WELL NO.	P14	P15	N15	P16	P17	P18	P19		
EL. COLLAR	6976.11	6976.76	6976.86	6980.79	6980.50	6979.39	6975.73		
DEPTH	21.25	15.0	28.29	18.83	20.67	17.25	12.83		
EL. BOTTOM	6954.86	6161.76	6908.57	6961.96	6959.83	6962.14	6962.90		
10-3-83	DRY	DRY	DRY	DRY	DRY	DRY	6964.81		
11-3	✓	✓	✓	✓	✓	✓	6964.40		
12-1	✓	✓	✓	✓	✓	✓	6964.31		
1-4-84	✓	✓	✓	✓	✓	✓	6964.15		
2-2	✓	✓	✓	✓	✓	✓	6964.31		
3-1	✓	✓	✓	✓	✓	✓	6964.15		
4-4	✓	✓	✓	✓	✓	✓	6964.05		
5-1	✓	✓	✓	✓	✓	✓	6964.51		
5-31	✓	✓	✓	✓	✓	✓	6964.23		
7-3	✓	✓	✓	✓	✓	✓	6964.48		
8-2	✓	✓	✓	✓	✓	✓	6964.56		
9-5	✓	✓	✓	✓	✓	✓	6964.56		
10-1	✓	✓	✓	✓	✓	✓	6964.56		
11-5	✓	✓	✓	✓	✓	✓	6964.31		
12-4	✓	✓	✓	✓	✓	✓	6964.23		
1-3	✓	✓	✓	✓	✓	✓	6964.06		
2-6	✓	✓	✓	✓	✓	✓	6964.15		
3-5	✓	✓	✓	✓	✓	✓	6963.98		
4-2	✓	✓	✓	✓	✓	✓	DRY		
5-7	✓	✓	✓	✓	✓	✓	6964.15		
6-3	✓	✓	✓	✓	✓	✓	6964.15		
7-11	✓	✓	✓	✓	✓	✓	6964.15		
8-12	✓	✓	✓	✓	✓	✓	6964.40		
9-3	✓	✓	✓	✓	✓	✓	6964.23		
10-9	✓	✓	✓	✓	✓	✓	6964.15		
11-5	✓	✓	✓	✓	✓	✓	6963.98		
12-4	✓	✓	✓	✓	✓	✓	DRY @	6963.98	

OVERSIZE
DOCUMENT
PAGE(S) PULLED

SEE APERTURE CARD FILES

APERTURE CARD/PAPER COPY AVAILABLE THROUGH NRC FILE CENTER

NUMBER OF OVERSIZE PAGES FILMED ON APERTURE CARD(S) 1

ACCESSION NUMBERS OF OVERSIZE PAGES:

9803270145 "Dupe"

DRP-08