



ROCKY MOUNTAIN ENERGY

A Subsidiary of
Union Pacific Corporation

Return to URFO 467-55

Ref: UR 82-197

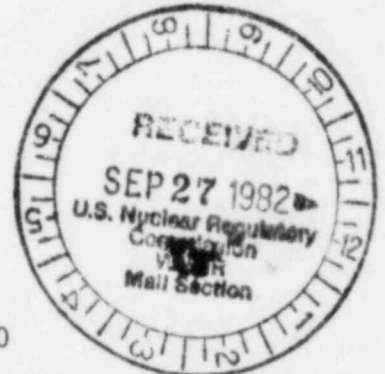
40-8380
PDR

September 21, 1982

Mr. Ken Kalman
U.S. Nuclear Regulatory Commission
Uranium Recovery Licensing Branch
Willste Building
7915 Eastern Avenue
Silver Spring, MD 20910

Dear Mr. Kalman:

Re: Source Material License
SUA-1228 Docket No. 40-8380



Pursuant to our telephone conversation of September 17, 1982 attached is a copy of the Eberline area dosimetry report used to prepare Table 8 of the July 29, 1982 quarterly report for RME's Nine Mile Lake project. Millirem/week values are obtained by dividing the average count for a given badge by the number of weeks the badge was actually exposed (date read minus date annealed=total number of days). In this case, the total exposure time/badge was 119 days or 17 weeks. Badge readings given in Table 8 of the quarterly report are identified on the Eberline report sheet with an asterisk and sampling locations identified in parenthesis where necessary.

Please call at your convenience if you have any further questions.

Sincerely,

Michael R. Neumann

M.R. Neumann
Licensing Specialist

Attachment

cc: Dr. Lyda Hersloff
P.R. Spieles

8211040537 820921
PDR ADOCK 04008380
C PDR

OFFICIAL DOCKET COPY



10 Longs Peak Drive
Box 2000
Broomfield, Colorado 80020
303-469-8844
Telex 45-0321

Fee Exempt
20756
info only

eberline

EBERLINE INSTRUMENT CORPORATION
PO BOX 2108 SANTA FE, NEW MEXICO 87501
PHONE (505) 471-3232 TWX: 910-985-0678

TLD AREA MONITOR REPORT

DATE ISSUED 04/01/82 DATE ANNEALED 03/17/82 CUSTOMER NO. 3646
DATE RETURNED 07/12/82 DATE READ 07/14/82 PAGE 1 OF 2



ID	IDENTIFICATION	DOSIMETER READINGS (mR)					AVERAGE	TD	INTERFERENCES	FREQUENCY
		FIRST	SECOND	THIRD	FOURTH	FIFTH				
1001	S-1	38	39	49	30	29	38.0	14.6	2.24	0
1003	★ S-3 (downwind Boundary)	41	48	48	51	48	47.2	7.5	2.78	0
1004	CLAIM	42	33	34	37	44	37.8	9.9	2.22	0
1005	★ CHAR-COL (Charcoal Columns)	2830	3208	2618	2868	2858	2876.5	422.8	169.21	0
1006	PREG TANK	53	61	66	58	58	59.0	9.7	3.47	0
1007	★ LAB (Water lab)	36	28	29	30	25	29.5	8.0	1.74	0
1008	★ MET LAB (metallurgical)	38	38	45	43	35	39.7	8.0	2.34	0
1009	★ MNL-2 (Pattern 2)	50	48	38	47	34	43.3	13.5	2.55	0
1010	★ LUNCHROOM	42	36	40	43	35	39.2	7.3	2.31	0
1011	★ ASSAY STATION	33	34	41	29	38	34.8	9.0	2.05	0
1013	★ OFFICE 1 (Foreman's)	43	28	31	40	34	35.0	12.5	2.06	0
1014	★ DECK (Upper)	68	68	65	72	73	69.2	6.0	4.07	0
1015	★ S5 (Upwind Control)	34	38	34	38	36	36.0	3.8	2.12	0
1017	S-3A	37	37	32	37	46	37.5	10.3	2.21	0
1018	★ NM-PAT 3 (Pattern 3)	46	32	36	53	48	42.7	17.3	2.51	0
1019	★ OFFICE 2 (Receiving)	37	33	34	33	40	35.2	6.4	2.07	0

EXPOSURE FILM DAMAGED
EXPOSURE ELAPSED TIME
EXPOSURE ANNEALED TO
DATE READ

FREQUENCY CODES
M. MONTH
Q. QUARTERLY
S. SEMI-ANNUAL
A. ANNUAL
I. IRREGULAR

DATE 07/16/82

ROCKY MOUNTAIN ENERGY CO
PAT SPIELES
P O BOX 3719
CASPER WY 82602

Aracosa Ortega

berline

BERLINE INSTRUMENT CORPORATION
P.O. BOX 2108, SANTA FE, NEW MEXICO 87501
PHONE (505) 471-3232 TWX: 910-985-0678

ILD AREA MONITOR REPORT

DATE ISSUED 04/01/82 DATE ANNEALED 03/17/82 CUSTOMER NO 3646
DATE RETURNED 07/12/82 DATE READ 07/14/82 PAGE 2 OF 2



OFFICIAL DOCKET COPY

IDENTIFICATION	DOSIMETER READINGS (mcR/HR)					AVERAGE	PERF. INDEX	TYPE	OBJECT
	FIRST	SECOND	THIRD	FOURTH	FIFTH				
1020★ OFFICE 3 (MAIN OFFICE)	37	29	32	27	28	30.5	7.8	1.79	0
2000 CONTROL	31	27	30	47	33	33.3	15.5	1.96	0
2001 RCSB	43	32	34	37	38	37.0	7.9	2.18	0
2003 HCPAT1	51	33	33	38	36	38.2	14.6	2.25	0
2004 RC-PLANT BLD	43	43	45	39	54	44.8	11.3	2.64	0
2006 HCOFFICE	25	22	30	23	26	25.0	6.6	1.47	0
2007 RCLAB	29	28	23	24	31	27.0	7.0	1.59	0
2013 RC-P2	31	27	31	32	32	30.3	4.2	1.78	0
2018★ MNL-4 (PATTERN 4)	27	36	40	36	36	34.8	9.8	2.05	0
2019★ RADIATION LAB	34	32	28	42	32	33.3	10.5	1.96	0

EDUCATION DIVISION
BASED ON ELAPSED TIME
FROM DATE ANNEALED TO
DATE READ

FREQUENCY CODES
M - MONTHLY
Q - QUARTERLY
S - SEMI-ANNUAL
A - ANNUAL
I - IRREGULAR

CUSTOMER
ATTENTION
ADDRESS
CITY

ROCKY MOUNTAIN ENERGY CO
PAT SPIELES
P O BOX 3719
CASPER WY 82602

DATE 07/16/82

Shirley Ortega