IE-07

OGLE PETROLEUM INC.

Telephone (805) 969-5941 Telecopier (805) 969-3278 Telex No. 658-430 P.O. Box 5549 559 San Ysidro Road Santa Barbara, California 93108

August 12, 1982

PLEASE DIRECT REPLY TO: 150 N. Nichols Avenue Casper, Wyoming 82601 PH: (307) 266-6456

U.S. Nuclear Regulatory Commission Region IV Office of Inspection and Enforcement 611 Ryan Plaza Drive Suite 1000 Arlington, Texas 76011

RE: Docket No. 40-8745 License No. SUA-1396

-AND-

U.S. Nuclear Regulatory Commission Uranium Recovery Licensing Branch Division of Waste Management Washington, D.C. 20555

> RE: Semi-Annual ALARA Audit as Required by License No. SUA-1396, Condition No. 17, for Period Covering January 1, 1982 through June 30, 1982

Gentlemen:

Ogle Petroleum Inc. (OPI) herewith presents the information required in the Semi-Annual ALARA Audit as specified in the referenced License.

# Exposure Records (External and Time Weighted Calculations)

TLD dosimetry provided by Eberline does not indicate any trends for identifiable catagories of workers in as much as only three incidents of exposure were recorded during this reporting period. These exposures were as follows: Office person, 14 mRem; Operator, 19 mRem; and Lead Operator, 61 mRem.

The time weighted calculations for Radon Gas (Rn 222) do not indicate any trends in personnel exposure for identifiable catagories of workers. The Radon Gas concentration has been below 25% MPC during this reporting period.

#### Bio-assay Results

Urine analysis by Technology Laboratories Inc. (Casper, Wyoming) indicate concentrations of less than 5 ug/l except for the following incidents:

Dupl of 8249270378
Denver

Tucson

- 1) On February 11, 1982, Technology Laboratories Inc. reported three employees with analyses of uranium (natural) in excess of 15 ug/l. Resampling to confirm the analyses was initiated on February 12, 1982 for two employees and February 13, 1982 for the other employee. The resample results were as follows: 9 ug/l each for the employees with the 54 ug/l and 16 ug/l samples, and less than 5 ug/l for the employee with the 160 ug/l sample (an additional sample for albuminuria tested negative by the Lander Medical Clinic). The initial samples were collected by the Safety and Radiation Protection Engineer during working hours instead of prior to start of shift. This action resulted in the probable contamination of the sample cups. All successive samples have been collected prior to start of shift.
- Pive samples in excess of 5 ug/l ranged from a low of 7 ug/l to a high of 13 ug/l during this reporting period. These samples were collected during various months from different employees. Due to the small number of samples, no trends can be determined at this time; however, the employee who had the 54 ug/l analysis (see incident one) also had two (8 ug/l ard 13 ug/l) of the above analyses. Since this person is no longer employed by OPI, monitoring to determine whether a trend is developing cannot be accomplished.

# Log Entries and Summary Reports Of All Inspections By The Radiation Safety Staff

Daily walk-through inspections mandated by License Condition 16 are being conducted. Discrepancies noted have been corrected.

Weekly and monthly inspection of all work and storage areas are also being performed.

### Training Program Activities

All employees have successfully completed the MSHA annual refresher training and annual retraining mandated by License Condition 18. Bi-Monthly training includes: Alpha monitoring, basic health physics, and importance of urinealysis.

#### Safety Meetings And Attendance Records

Monthly safety meetings are conducted two or three days per month to ensure all personnel on all shifts have been instructed in the safety topic of the month.

## In-Plant Radiological Survey And Sampling Data

All monthly surveys were conducted in accordance with License Condition No. 22. Frequent washdown procedures and good housekeeping have kept the radioactive airborne particulate concentration below 0.10 MPC.

Environmental Radiological Effluent And Monitoring Data

Monthly radiological effluent samples for Radon Gas are all below 25% MPC. No trend has been identified.

Reports On Overexposure Submitted to NRC, MSHA, Or State

No overexposures have occurred at the Bison Basin Mine Site.

Review Of Operating And Monitoring Procedures
Completed During This Period

There have been no reviews during this period.

Review Of Special Work Permits (SWP's) Which Require
That Additional Radiological Monitoring And Sampling Be Performed

Three SWP's were issued during this reporting period. All sampling indicated no concentrations in excess of normal work conditions.

Trinidad E. Herrera Safety and Radiation Protection Engineer

Kurtis J. Brown

Radiation Safety Officer

KJP:me

cc: Document Management Branch