

OGLE PETROLEUM INC.

Please direct reply to:  
2510 E. 15th St., #8  
Casper, WY 82609  
(307) 266-6456

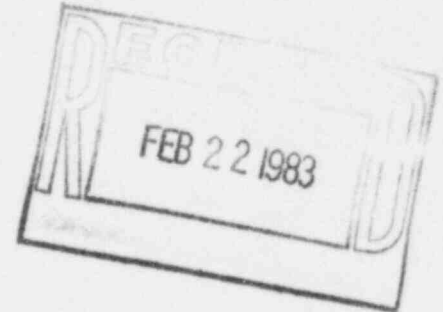
TELEPHONE (805) 964-9911  
TELECOPIER (805) 683-2083  
TELEX: 658-430  
OMNIFAX: 683-1606

February 15, 1983

P.O. DRAWER 30740  
SANTA BARBARA, CALIFORNIA 93105  
OGLE RESOURCES BUILDING  
4213 STATE STREET  
SANTA BARBARA, CALIFORNIA 93110

Office of Inspection and  
Enforcement, Region IV  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 100  
Arlington, Texas 76011

Uranium Recovery Field Office, Region IV  
Division of Waste Management  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



RE: Semi-Annual ALARA Audit as required by  
License SUA-1396, Condition 17, for  
period covering July 1, 1982 through  
December 31, 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 categories of workers. Only two inci-  
dents of exposure were recorded during this reporting period.  
These exposures (two mechanics, one with 12 mRem and the other  
with 47 mRem) are unexplainable as neither has had any previous  
exposure.

The time-weighted calculations for radon gas (Ra-222) do not  
indicate any trends in personnel exposure for identifiable  
categories of workers. The radon gas concentration has been  
below 25% MPE during this reporting period.

Bio-Assay Results

Urine analysis by Technology Laboratories Inc., Casper,  
Wyoming, indicate concentrations of less than five mg/l (natural  
uranium) for all samples except for one (nine mg/l) during this  
period. The employee with the nine mg/l had no other exposure  
during this reporting period.

8306130367 830215  
PDR ADOCK 04008745  
C PDR

HOUSTON

DENVER

IELTS

Semi-Annual ALARA Audit  
February 15, 1983  
PAGE TWO

Log Entries and Summary Report of All Inspections by the  
Radiation Safety Staff

Daily walk-through inspections mandated by license condition 16 were conducted. Discrepancies noted have been corrected. Weekly and monthly inspections of all work and storage areas have also been performed.

Training Program Activities

All training activities were completed during the last reporting period.

Safety Meetings and Attendance Records

Bi-monthly safety meetings were held during August and December, 1982. The October meeting was not held due to an oversight. The SRPE incorrectly assumed that a meeting was not required since no mining was taking place and the plant was shut down.

In-Plant Radiological Survey and Sampling Data

All monthly surveys were conducted in accordance with license condition 22. Airborne particulate concentrations have been below 0.10 MPE, radon gas concentrations have been below 0.25 MPE, and gamma-beta surveys have been below 0.20 mRem/hour.

Environmental Radiological Effluent and Monitoring Data

Monthly radiological effluent monitoring for radon gas are all below 25% MPE. No trend has been identified.

Review of Operating and Monitoring Procedures

The review of operating procedures was initiated during September and completed December 13, 1982. The Operating Manual has been expanded to include operating procedures for the reverse osmosis unit, procedures for the laboratory analysis of the monitor wells, and procedures for conducting radiological monitoring.

Semi-Annual ALARA Audit  
February 15, 1983  
PAGE THREE

Reports on Over Exposure Submitted to NRC, MSHA, or State

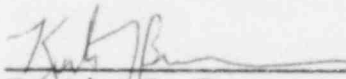
No over exposures have occurred at the Bison Basin Mine during this reporting period.

Review of Special Work Permits which require that Additional Radiological Monitoring and Sampling be Performed

There were no special work permits issued during this period.

Sincerely,

OGLE PETROLEUM INC.

  
\_\_\_\_\_  
Kurtis J. Brown  
Radiation Safety Officer

TEH:jm

CC: R. Dale Smith, Uranium Recovery Field Office, Denver  
Document Management Branch, NRC

LICENSEE REPORT EVALUATION

Errett

LICENSEE: 06LE

ASSIGNED TO: Shopen

LIC. No.: SVA 1396 - Docket 40-8745

DATE: 2-25-83

REPORT TYPE: ALARA

REPORT DATE: 2-15-83

COMMENTS/RECOMMENDATIONS:

The significant item in the report that will assist the ALARA program is the incorporation of the new written procedures for the reverse osmosis unit, laboratory analysis of monitor well and ~~radio~~ radiological monitoring. consistent activity <sup>good</sup> and procedures generally reduces exposure.

The report ~~also~~ indicated that no trends were ~~not~~ detectable. This report appears to be acceptable.

APPROVED BY: Errett 3/4/83

DATE:

PREPARED BY: NMS 0/1

DATE: 2/25/83 EGT