

UNITED STATES ATOMIC ENERGY COMMISSION

DIVISION OF COMPLIANCE
10395 W. COLFAX, ROOM 200

1. LICENSEE Petrotonics Company P. O. Drawer 3450 Casper, Wyoming	2. REGIONAL OFFICE U.S. Atomic Energy Commission Division of Compliance, Region IV Box 25300 Denver 15, Colorado 80215
3. LICENSE NUMBER SUA-551, Docket No. 40-6659	4. DATE(S) OF INSPECTION August 18, 19, 1965
5. The following activities under your license (identified in Item No. 3 above) appear to be in noncompliance with AEC regulations or license requirements, as indicated.	
<p>a. <u>In lieu of posting the entrance to the mill in accordance with Condition No. 10 of the license</u>, containers within the plant holding uranium in quantities greater than ten times the quantity specified in Appendix C were not labeled in accordance with 10 CFR 20.203(f)(2), "Caution signs, labels, and signals".</p> <p>b. During the period December 13 through December 26, 1964, two employees were exposed to concentrations of radioactive material that exceeded the limits specified by 10 CFR 20.103(a), "Exposure of individuals to concentrations of radioactive material in restricted areas". (It is noted that these overexposures were reported to the Commission in accordance with 10 CFR 20.405(a).)</p> <p>c. In the following respects surveys were inadequate to determine compliance with 10 CFR 20.103(a), "Exposure of individuals to concentrations of radioactive material in restricted areas", contrary to 10 CFR 20.201(b), "Surveys".</p> <ol style="list-style-type: none">1. During the period August 12, 1964, through August 19, 1965, time-weighted exposures were not computed for the crusher and precipitation operators during those periods when the concentrations of airborne uranium exceeded the maximum permissible concentrations.2. The time study performed for the precipitation operator in October, 1962, does not currently reflect the actual time required to clean the yellow cake rotocloner where the concentrations of airborne uranium, on occasions, exceeded the maximum permissible concentration.	
B507310064 B50530 PDR FOIA BURR85-229 PDR	
Supplementary page <u>None</u> attached.	N. Paul Alley <i>N. Paul Alley</i> SEP 3 1965 AEC Compliance Inspector Date

ORIGINAL: LICENSEE.

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