

File

MAR 2 1967

N. Paul Alley, Radiation Specialist  
Region IV, Division of Compliance, Denver

PETROTOMICS COMPANY, CASPER, WYOMING - LICENSE NO. SUA-551  
(Docket No. 40-6659) - INSPECTION CONDUCTED FEBRUARY 13 and 14,  
1967 - HEALTH AND SAFETY EVALUATIONS

The licensee's facilities and process for separating the uranium from the ore remain basically the same as that noted during previous inspections. The licensee was under the impression that they were going to discontinue the milling operations at the end of 1966 when their contract with the AEC expired; however, the company apparently is going to undertake the private sale of uranium and, thereby, keep the mill in operation. The licensee has continued to have a reasonably good survey program for determining the concentration of uranium in the restricted area; however, the liquid sampling program for a seepage stream had been largely discontinued in 1966. A review of the records during the periods when the seepage stream was sampled for Ra-226, Th-230 and uranium indicated that concentrations of these isotopes were within the Appendix B, Table II, or license limits for the discharge of liquids to the unrestricted area. Since the seepage water may have its origin in the licensee's tailings system, it is considered necessary for the licensee to sample this effluent stream at a fairly frequent interval to assure that no isotopes in excess of the MPC concentrations are discharged to the unrestricted area. Judging from the licensee's actions on past items of noncompliance, it is considered that corrective action will be taken immediately. There were no items of health and safety significance noted during the inspection.

cc: CO:HQ

8507300291 850530  
PDR FOIA  
BURR85-229  
PDR