

## PETROTOMICS COMPANY

TIDEWATER OIL COMPANY • MANAGING PARTNER  
P. O. DRAWER 2450  
CASPER, WYOMING

October 23, 1964

Mr. R. Lowenstein, Director  
Division of Licensing & Regulation  
U. S. ATOMIC ENERGY COMMISSION  
Washington 25, D. C.

ATTENTION: Mr. Harmon

Dear Mr. Lowenstein:

This letter refers to the supplemental information requested by Mr. Donald Harmon in an October 23, 1964 telephone call. Specifically requested was approximate size and amounts of crushed limerock, also dates of addition to the channel below the Petrotomics tailings pond.

The first addition this year consisted of two truck loads, amounting to approximately 20 tons of 1/4 inch to 3 inch crushed, relatively soft, fresh-water limestone were dumped into the secondary tailings pond on June 11, 1964.

The second addition consisted of two truck loads amounting to approximately 22 tons, same size and kind of limestone, were dumped into the channel which collects the seepage on September 17, 1964. This addition was placed in such a way that the seepage flows through a 40-foot-wide crushed limestone barrier in the channel insuring maximum contact.

The addition of limestone to the secondary pond and to the channel has neutralized the seepage effluent from a pH of 2.5 to pH 3.5. The two sets of radioactive material assays on samples of effluent taken on June 16 and July 13 after starting of lime rock addition show a decrease in Thorium-230 content resulting from a partial precipitation.

If any further information is required to enable you to process our October 14, 1964 request for exemption, please let me know and I will send it.

Sincerely yours,

PETROTOMICS COMPANY

*John D. Crozier*  
John D. Crozier  
Radiologist

ACKNOWLEDGED

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8507300235 850530  
PDR FOIA  
BURR85-229 PDR



cc: Mr. Donald I. Walker

JDC/es

Copy Provided

10/29/64

**PRIONOMICS CORPORATION**  
CASPER, WYOMING

DATE OF DOCUMENT

**10-23-64**

DATE RECEIVED

**10-24-64**

NO.

**951**

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REPORT

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ACTION NECESSARY ☐

CONCURRENCE ☐

DATE ANSWERED

NO ACTION NECESSARY ☐

COMMENT ☐

BY

FILE CODE

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POST OFFICE

REG. NO.

DESCRIPTION: (Must Be Unclassified)

**Ltr. 10-23-64 refers to your telcom by HARMON req. suppl. info. size and amount of crushed limrock.**

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DATE

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DATE

**D. NUSSBAUMER**

**10-26**

**1 cv for file and file FOR ACTION  
1 to Compliance**

ENCLOSURES

REMARKS

**MAIL ROOM DISTRIBUTION: 1 TO PDR ROOM**

U. S. ATOMIC ENERGY COMMISSION

**MAIL CONTROL FORM**

FORM AEC-3265  
(8-60)