

# PETROTOMICS COMPANY

TIDEWATER OIL COMPANY • MANAGING PARTNER

P O BOX 184 • CASPER WYOM 82401

November 2, 1962

Mr. R. Lowenstein, Director  
Division of Licensing & Regulation  
U. S. Atomic Energy Commission  
Washington 25, D. C.

Dear Mr. Lowenstein:

In reporting recent overexposures, Mr. Moulden included in his letter of October 31, 1962, copies of shift schedules worked at the Petrotomics mill from April 1 to date. These show that each six weeks two crews work seventy-eight hours in a period of seven consecutive days. During these seven days, the MPC for airborne uranium dust, computed according to Part 20.103(b), is lowered to  $3.1 \times 10^{-11}$  uc/ml. This has been the cause of all overexposures reported.

Each man will work one of these seventy-eight hour periods every twelve weeks; also, there will be a period of seven consecutive days during these same twelve weeks when he will work only six hours. No operator works more than forty-two hours in the seven consecutive days, beginning at 7:00a.m. each Sunday morning, the start of our work week.

Because of this situation created by our unique shift scheduling, we respectfully request we be exempted from this portion of 20.103(b), and be allowed to compute MPC's in one of the following ways:

1. Let each seven day period (for purposes of determining these concentrations) coincide with our normal work week; that is, let it extend from 7:00a.m. Sunday morning until 7:00a.m. the following Sunday.
2. Average all MPC's over a period of twelve consecutive weeks.

Sincerely yours,

*N. A. Grant*

N. A. Grant  
Project Manager

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PDR FOIA  
BURR85-229 PDR

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FROM: <b>Petrotomics Company Casper, Wyoming</b>		DATE OF DOCUMENT: <b>11-2-62</b>		DATE RECEIVED: <b>11-5-62</b>		NO.: <b>10248</b>	
		LTL		MEMO		REPORT	
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<p>Ltr. advising us of the reasons for the recent overexposures to employees and req. that they be exempted from the portion of <del>20.103</del> 20.103, and be allowed to compute <del>20.103</del>'s in the way as outlined in <del>20.103</del> this letter.</p>		Mugstamer:		11-6-62			
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U. S. ATOMIC ENERGY COMMISSION

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PETROTOMICS COMPANY

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CASPER, WYOMING

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Washington 25, D. C.