

NNNNSEDA035TWN105YA210

RR RUEPAE

BT RUMPSA 11

IMR

R 201645Z

FM USAEC IDAHO FALLS IDA

TO USAEC WASHDC

AEC GRNC

BT

UNCLAS FOR W E KREIGSMAN INS INFO TO L E SNYDER ID LIAISON
OFFICER DER FROM DONALD I WALKER. THIS IS TO CONFIRM FACTS
CONVEYED DURING OUR TELECON OF 7/19/60 AS YOU REQUESTED. T F IZZO
CMR CHIEF METALLURGIST AT THE URANIUM REDUCTION COMPANY CMR
INFORMED R T KANT BY TELECON THAT THEIR ORE PROCESSING MILL
LOCATED NEAR MOAB UTAH DOES CONDUCT ENVIRONMENTAL SAMPLING IN THE
UNRESTRICTED AREA SURROUNDING THE MILL AND CITY OF MOAB AS WELL
AS ON THE MILL PREMISES. THIS SAMPLING OF THE UNRESTRICTED AREA
IS PERFORMED ANNUALLY AS SPECIFIED IN THE LETTER OF REPLY TO
ORDERS ISSUED. THE ABOVE-MENTIONED LETTER WAS DATED AUGUST 10

CFN 7/19/60 19

C CFN 7/19/60 10

000124

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PAGE TWO RUWPSA 10

1959 CMM AND SIGNED BY MR R F HOLLIS GENERAL MANAGER OF URC. THE SAMPLING IS ACCOMPLISHED IN APRIL AND THE RESULTS OF THE LAST SAMPLING CMM GIVEN BY MR IZZO CMM SHOWED NO SAMPLE WHICH EVEN APPROACHED THE MPC FOR URANIUM FOR AN UNRESTRICTED AREA. SINCE ENVIRONMENTAL STUDIES ARE MADE STACK SAMPLING COULD BE ELIMINATED. STACK SAMPLES ARE TAKEN HOWEVER TO ASCERTAIN TRI-URANIUM OCTA-OXIDE LOSSES TO ATMOSPHERE. THESE RESULT IN 1/2 TO 1-1/2 LBS OF TRI-URANIUM OCTA-OXIDE PER DAY. IT MIGHT BE ADDED THAT MR IZZO STATED THAT THE MILL IS APPROXIMATELY THREE MILES CMM AS THE CROW FLIES CMM FROM MOAB UTAH THE NEAREST AND ONLY HABITATION AREA IN THIS VICINITY. END REF LI CLN RTK

BT

CFN 1959 1/2 1-1/2 LI RTK

20/1700Z



Uranium Reduction - Tabulation of Effluent Data from TWX of 6-23-60 - Radium -

CBW
7-14-60

Location	Date	$X_{\text{mg/ml}} \times 10^{-9}$ Conc.	Remarks
Tailings Pond Effluent	1-12-60	29	
" " "	3-11-60	47	
" " "	3-24-60	40	
" " " Composit	1- - 60	40	
" " " "	2- - 60	42	
" " " "	3- - 60	47	
Dolores River	3-11-60	3	
" "	3-24-60	3.1	
Colorado River - Above Dolores R.	3-11-60	0.5	
" " " " "	3-24-60	1.5	
" " - At Dewey Bridge	3-11-60	1.6	
" " " " "	3-24-60	0.9	
" " - At Moab Bridge	3-11-60	1.9	
" " " " "	3-24-60	1.2	} Mill probably located between these points
" " - $\frac{1}{4}$ Mi. below Bridge	3-11-60	3.0	
" " - $\frac{1}{2}$ " " "	3-11-60	2.8	
" " - 5 " " "	3-11-60	2.5	
" " - 10 " " "	3-11-60	3.2	
" " - 20 " " "	3-11-60	4.7	
" " - 10 Mi Above Green R.	3-11-60	3.7	
" " - 1 Mi " " "	3-11-60	4.4	
" " - 1 Mi " " "	3-11-60	3.8	
" " - 1 Mi. Blow Mill	3-24-60	1.3	
Green River 1 Mi. Above Color R.	3-11-60	1.1	

These samples were collected by the licensee and analyzed by the Idaho Operations personnel.