

DONALD I. WALKER, DIRECTOR
U. S. ATOMIC ENERGY COMMISSION
REGION IV, DIVISION OF COMPLIANCE
DENVER 15, COLORADO

Original Signed by
John W. Flora

LEO DUBINSKI, ASSISTANT DIRECTOR
FOR MATERIAL
DIVISION OF COMPLIANCE
HEADQUARTERS

*Hand carried
4/12/62
ND*
JUN 12 1962

- A. MINES DEVELOPMENT, INC., 777 GRANT STREET, DENVER, COLORADO (URANIUM MILL
AT EDMONT, SOUTH DAKOTA)
- B. R-174
- C. SAND TAILS POND (APPROXIMATELY 200-300 TONS) WASHED INTO UNRESTRICTED AREA
- D. APPROXIMATELY 1200 HOURS 6-11-62 MST
- E. 1600 HOURS 6-11-62 MST - TELEPHONE
- F. WILLIAM JOYCE, ACTING MANAGER, METALLURGICAL DIVISION, SUSQUEHANNA-WESTERN,
INC., DENVER, COLORADO
- G. BECAUSE OF HEAVY RAINS, SAND TAILS POND GAVE WAY AND APPROXIMATELY 200-300
TONS OF SAND TAILS WERE WASHED INTO COTTON WOOD CREEK AND THEN INTO THE
CHEYENNE RIVER. SAND TAILS REPORTEDLY CONTAINED 0.005 TO 0.0110 PERCENT
U308 (5.4 MILLICURIES NATURAL URANIUM USING MAXIMUM QUANTITY OF 300 TONS
AND AVERAGE CONCENTRATION OF 0.007 PERCENT U308). ACCORDING TO JOYCE,
SAND TAILS ARE WELL WASHED AND DO NOT CONTAIN APPRECIABLE QUANTITIES OF

9612240254 620612
PDR ADOCK 04001341
C PDR

OFFICE ▶	CO-IV <i>[Signature]</i>	CO-IV <i>[Signature]</i>	CO-IV <i>[Signature]</i>		
SURNAME ▶	GHSmith:eaw	WEK...	DIWalker		
DATE ▶					

LEO DUBINSKI

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RA-225 AND TH-230. JOYCE STATED THAT THE AEC HAD PREVIOUSLY GIVEN PERMISSION FOR THEM TO SELL THE SAND TAILS AS ROAD FILL.

H. NONE

I. NONE

J. APPEARS SIMILAR TO TRACE ELEMENTS CASE

K. NONE

L. GEORGE H. SMITH OF THIS OFFICE WILL ARRIVE EDMONT AT APPROXIMATELY 0900 HOURS 6-13-62 TO CONDUCT INQUIRY

M. NONE KNOWN

N. DR. G. J. VAN HEUVELEN, SOUTH DAKOTA STATE HEALTH DEPARTMENT, NOTIFIED AT 0940 HOURS MST 6-12-62

O. NONE KNOWN

CO:IV:GHS