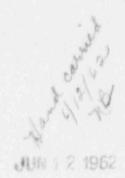
DONALD I. WALKER, DIRECTOR U. S. ATOMIC ENERGY COMMISSION REGION IV, DIVISION OF COMPLIANCE DENVER 15, COLORADO

Original Signed by

LEO DUBINSKI, ASSISTANT DIRECTOR FOR MATERIAL DIVISION OF COMPLIANCE HEADQUARTERS



- A. MINES DEVELOPMENT, INC., 777 GRANT STREET, DENVER, COLORADO (URANIUM MILL AT EDGEMONT, 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

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RA-226 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 EDGEMONT 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