



Department of Environmental Quality

LAND QUALITY DIVISION - DISTRICT II

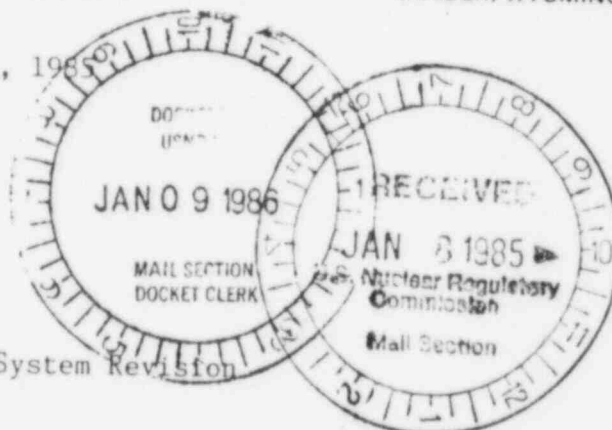
210 LINCOLN STREET

TELEPHONE 307-332-3047

LANDER, WYOMING 82520

December 31, 1985

Mr. James McCray
Pathfinder Big Eagle Mine
P. O. Box 450
Jeffrey City, WY 82310



RE: Permit No. 451, Discharge Treatment System Revision

Dear Jim:

I am in receipt of correspondence from Pathfinder Mines Corporation to the Nuclear Regulatory Commission which indicates that the Big Eagle Mine is contemplating construction of an ion exchange treatment system. Please be aware that this system will require a revision to Permit No. 451, specifically to the Mine Water Discharge section located on pages 46-50(a). The proposed ion exchange water treatment system appears to be substantially different than the barium chloride treatment facility described in the approved permit.

I am enclosing a Permit Revision form for your use. The revision form should be accompanied by a description of the proposed system, a revised surface facilities map, a detailed reclamation plan, and an estimate of the total cost for removing and reclaiming the facility and any newly affected lands. In addition, a summary of the mine's NPDES water quality records should be included. This information is relevant to our discussion regarding a through-drainage reclamation plan.

Please feel free to contact me if you should have any questions regarding the permit revision procedure.

8601270424 851231
PDR STPRG ESQWY
PDR

Sincerely,

John Erickson
Environmental Specialist



JE:mm

xc: Rick Chancellor - Cheyenne DEQ-LQD
Bill Kearney - Cheyenne DEQ-LQD
Steve Gerber - Lander DEQ-WQD
M. Moxley/L. Askew

DESIGNATED ORIGINAL

Certified By Mary C. Hood