

TONY ANAYA
GOVERNOR

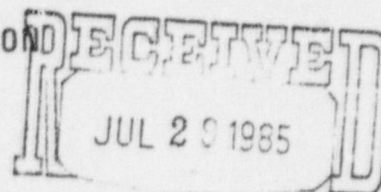
DENISE D. FORT
DIRECTOR



STATE OF NEW MEXICO

ENVIRONMENTAL IMPROVEMENT DIVISION

P.O. Box 968, Santa Fe, New Mexico 87504-0968
(505) 984-0020



RADIATION PROTECTION BUREAU

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 29, 1985

J.C. Stauter, Director
Nuclear Licensing & Regulation
Quivira Mining Company
Kerr-McGee Center
Oklahoma City, OK 73125

RE: DP-362 Approval

Dear Dr. Stauter:

The discharge plan (DP-362) for Old Stope Leaching at QMC's Section 19, 30, 30W, and 35 mines and Old Stope Leaching using H_2SO_4 or $NaHCO_3 + H_2O_2$ as chemical additives at the Sections 17, 19, 22, 24, 30, 30W, 33 and 35 mines located at the Ambrosia Lake Area, McKinley County, New Mexico is hereby approved. The approved discharge plan consists of the plan dated October 30, 1984, and the materials dated March 1, 1985 and June 20, 1985, submitted as supplements to the discharge plan.

The discharge plan was submitted pursuant to Section 3-106 and 5-101.B of the N.M. Water Quality Control Commission Regulations. It is approved pursuant to Section 3-109. Please note subsections 3-109.E. and 3-109.F., which provide for possible future amendment of the plan. Please be advised that the approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters which may be actionable under other laws and/or regulations.

The monitoring and reporting shall be as specified in the discharge plan and supplements thereto. These requirements are summarized on the attached sheet(s). Any inadvertent omissions from this summary of a discharge plan monitoring or reporting requirement shall not relieve you of responsibility for compliance with that requirement.

Please note that Section 3-104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan."

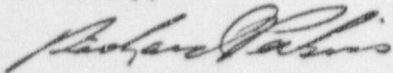
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J.C. Stauter, Director
July 29, 1985
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Pursuant to subsection 3-109.G.4., this plan approval is for a period of two (2) years. This approval will expire July 29, 1987, and you should submit an application for new approval in ample time before that date.

On behalf of the staff of the Ground Water Section, I wish to thank you (and your staff) for your cooperation during this discharge plan review.

Sincerely,



Richard Perkins
Acting Bureau Chief
Ground Water/Hazardous Waste Bureau

RP/SS/mp

cc: Eloy Montoya, EID Radiation Protection Bureau, Santa Fe
Richard Mitzelfelt, EID District I Manager, Albuquerque
EID Field Office, Grants-Milan

DISCHARGE PLAN NUMBER: 362

SIC NUMBER: _____

Original DP: X

Renewal: _____

Modification: _____

Date Received: _____

NAME OF FACILITY: QUIVIRA MINING COMPANY-AMBROSIA LAKE MINESADDRESS OF FACILITY: P.O. Box 218, Grants, NM 87020ALTERNATE OR PAST NAME OF FACILITY: Kerr-McGee Nuclear Corp.CITY OR CLOSEST TOWN: GrantsCOUNTY: McKinley TWP: 14N RGE: 10W SEC: 22, 24
14N 9W 17, 19, 30, 30W, 33, 3CONTACT PERSON: Stauter, Dr. J.C.
last firstADDRESS OF CONTACT PERSON: Quivira Mining Company, Kerr-McGee Center
Oklahoma City, OK 73125TELEPHONE NUMBER: (405) 270-2623TYPE OF FACILITY: Old stope leaching at uranium minesMEANS OF DISCHARGE (lagoon, leach field, other -specify): Injection to stopesREVIEWER: Sares, Steve
last firstDATE APPROVED: July 29, 1985DATE OF EXPIRATION: July 29, 1987

MONITORING REQ: (Comment, if necessary, on back)

SAMPLING SITE & ID	STORET CODE	PARAMETER(S)	DATE DUE
mine sump or at point where brought to surface		1) Ca, K, Mg, Na, Pb, Se, Ag, Fe, Mo, U, 226Ra, 228Ra, SO ₄ , CO ₃ , HCO ₃ , Cl	QUARTERLY 1st-May 1 2nd-Aug 1
		2) pH at mine sump twice monthly	3rd-Nov 1 4th-Feb 1
		3) Leach location, period of leaching, Ave. solution intro rate, pH	

SEND REPORTS TO: Ground Water Section
 EID: Ground Water/Hazardous Waste Bureau
 P.O. Box 968
 Santa Fe, NM 87504-0968

SAMPLING
SITE & ID

STORET
CODE

PARAMETER(S)

DATE DUE

COMMENTS: Two year approval for test period.

FOR EID USE ONLY

STATUS OF DP:

Active X
 Withdrawn
 Expired, Not Renewed

Inactive:
 Not Yet Approv: