



State of New Mexico
ENVIRONMENT DEPARTMENT
DOE OVERSIGHT BUREAU
 P.O. Box 1663, MS/J-993
 Los Alamos, New Mexico 87545

Julie 6-30-98
 File _____



TA-53
 (53-002(a,b), Surface Impairments)

GARY JOHNSON
 GOVERNOR

MARK E. WEIDLER
 SECRETARY

RECEIVED
 JUN 19 1998
 DOE OVERSIGHT BUREAU

Mat Johansen, AIP POC
 U.S. Department of Energy
 Los Alamos Area Office
 528 35th Street MS: A316
 Los Alamos, NM 87544

Date: June 19, 1998

Re: DOE Oversight Bureau recommendations concerning the proposed Notice of Intent to Discharge purified drinking water, TA-53 pools.

Dear Mat,

The Department of Energy Oversight Bureau (DOE OB) has reviewed the Notice of Intent (NOI) and the June 5, 1998, letter (ESH-18/WQ&H:98-0197) from Bob Beers to Glen Saums of the Surface Water Quality Bureau (SWQB). These recommendations are intended to assist in the management of the proposed discharge in an environmentally sound manner and are not provided or intended for the purpose of representing the regulatory position of the New Mexico Environment Department.

Two of the pools are located up-gradient from the third pool which is located near the storm drain. The terrain between the upper pools and lower pool is steep and in some areas un-vegetated. The data provided (composite sample from all three pools) indicates the proposed discharge meets New Mexico WQCC Surface and Ground Water Standards.

If the discharge is approved by the SWQB, the DOE OB recommends that the release should be performed in a controlled manner to limit erosion of surface soils and sediments.

Recommendations:

1. All three pools should be drained or siphoned individually, by running a hose to the storm drain, located directly down-gradient from the lower pool;

or

2. The upper two pools should be drained or siphoned into the lower pool, the one nearest the storm drain, and the discharge be conducted from this lower pool directly to the storm drain.

LANL/ER/001100



Mat Johansen
DOE OB recommendations
NOI to Discharge, TA-53 pools.
June 19, 1998

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In any case, the discharge should be conducted in a manor that will prevent erosion of soils or sediments. This would allow for a controlled release of this water with minimal environmental consequences. If you have any questions regarding these recommendations please call Ralph Ford-Schmid at 827-1536.

Sincerely,



Steve Yanicak
Point of Contact/LANL

SY:rfs

cc:

John Parker, NMED, Chief, DOE OB
Tim Michael, NMED, Program Manager, DOE OB
Stu Dinwiddie, NMED, Program Manager, HRMB
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