

OCT 18 1982

40-8781/FWR/82/09/23/0

0460878 0100

- 1 -

DISTRIBUTION
Docket File 40-8781
PDR
URFO r/f
URFO w/f
FWRoss
JJLinehan
HJPettengill
RDSmith
JTCollins
BFisher
NRC Region IV

URFO:FWR
Docket No. 40-8781

Teton Exploration Drilling Company, Inc.
P.O. Drawer A-1
Casper, Wyoming 82602

Gentlemen:

The public comment period for the Draft Environmental Statement (DES) related to the operation of the Teton Project in Converse County, Wyoming ended August 23, 1982. Reviews of the DES by Federal and State agencies, and interested citizens, resulted in a number of comments and questions which the NRC will address in the FES. To accomplish this task, the NRC is requesting that you provide additional information, no later than November 5, 1982 related to the comments on the DES listed below.

From the USEPA

Page 2-41. What is the purpose of the weep hole on Figure 2-5? Is it located in the tubing or casing? If located in the tubing then the injection pressure will be transmitted to the monitoring annulus and any annulus pressure will only be monitoring injection pressure. If the weep hole is in the casing and the packer fails the lixiviant will migrate through the weep hole into zones above the ore zone.

Page 2-58. Has Teton determined to which licensed tailing facility solid waste from the evaporation ponds will be transported?

From the Powder River Basin Resource Council

On page 3-31, the DES states that potentiometric elevations in wells penetrating the O₂, N, and M aquifers were monitored "periodically" since the autumn of 1979. How often is "periodically"? Since this information was apparently used to construct the potentiometric maps which in turn indicate the direction of groundwater flow - and, to some degree, the separation of the aquifers involved - it would be interesting to know how much data the maps are based on.

Please provide data used to make the potentiometric maps.

17683

OFC	:	:	:	:	:	:	:
NAME	:	:	:	:	:	:	:
DATE	:	82/09/23	:	:	:	:	:
	:	8211060639	:	821018	:	:	:
	:	PDR ADOCK	:	04008781	:	:	:
	:	C	:	PDR	:	:	:

OFFICIAL DOCKET COPY

OCT 18 1982

If you have any questions on this transmittal, please contact Mr. Frederick W. Ross of my staff at (301) 427-4533.

Sincerely

Original Signed By:

Frederick W. Ross for

John J. Linehan, Section Chief
Uranium Recovery Field Office

OFC	:	URFO	:	URFO	:		:		:		:
NAME	:	<i>F. Ross</i>	:	<i>John J. Linehan for</i>	:		:		:		:
DATE	:	82/09/23	:	<i>12/10/82</i>	:		:		:		:

OFFICIAL DOCKET COPY