

UNC TETON EXPLORATION DRILLING, INC.



Subsidiary of United Nuclear Corporation
A **UNC RESOURCES** Company

PO Drawer A-1
Casper, Wyoming 82602

Telephone 307-265-4102

August 23, 1982

Mr. Frederick W. Ross
Project Leader
U. S. NUCLEAR REGULATORY COMMISSION
Mail Stop 461-SS
7917 Eastern Avenue
Silver Springs, Maryland 20910



RE: DOCKET NO. 40-8728

Dear Fred:

Per your telephone request through Mr. Roger Garling of UNC Teton's staff, I have enclosed a copy of the May 19, 1982 letter from Cathleen McCarty of the Wyoming Department of Environmental Quality, Land Quality Division. This letter states the acceptability of groundwater stabilization in the N Zone aquifer and advises plugging of the zone wells.

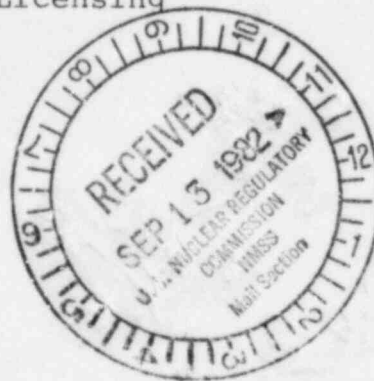
I look forward to working with you on the DES comments any day now.

Sincerely yours,

UNC TETON EXPLORATION DRILLING, INC.

Richard R. Appel
Richard R. Appel
Coordinator
Permits and Licensing

RRA/mdd
Enclosures



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info only

*Department of Environmental Quality*

LAND QUALITY DIVISION

401 WEST 19TH STREET

TELEPHONE 307-777-7756

CHEYENNE, WYOMING 82002

May 19, 1982

Mr. Richard R. Appel
Coordinator, Permits and Licenses
UNC Teton Exploration Drilling, Inc.
P.O. Drawer A-1
Casper, WY 82602

RE: Permit No. 2 RD/522 N-Zone Stability

Dear Dick:

Having reviewed all recently available water quality data from the N-Zone restoration test, I have concluded that the groundwater has stabilized.

To determine if the groundwater had stabilized, I calculated the mean for each parameter for wells NI-1, NI-3, 317, and 570 by using all the analyses submitted since the March 16, 1981 post-stabilization analysis approval. I then compared the mean values to the March 16, 1981 post-stabilization analysis results. Comparing the mean data with the March 16, 1981 analysis demonstrates stabilization since no parameters exceeded their respective Water Quality Use Classification. Mean values of all analyses submitted after March 16, 1981 were also calculated for all parameters for wells NA-1, NI-2, NI-4, and 574. These mean values were compared with a mean calculated for the March 16, 1981 analyses of wells NI-1, NI-3, 317 and 570. This comparison also showed no change from the Water Quality Use Classification for each parameter.

Since stabilization is considered complete it is expected of Teton to abandon all wells as stated in their reclamation plan. Because of the high concentrations of radium²²⁶, none of the wells should be left as a water well, except well 570. If any well is to be considered for a water well, more water samples may be required. It must be at the surface owner's request to leave a well open for a water well. If any wells are to be incorporated into Permit #522, please notify me as to which wells will continue to be used and which will be abandoned. Any wells not abandoned will have to be maintained.

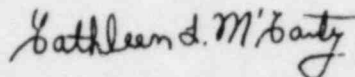
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Mr. Richard R. Appel
Permit #2 RD/522 N-Zone Stability
May 19, 1982
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If you have any questions, please feel free to call.

Sincerely,



Cathleen L. McCarty
District I Environmental Specialist

CLM:lmk
cc: Tony Mancini

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