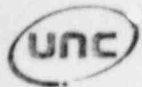


PDR 40-8693

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

April 22, 1980



Mr. Ross Scarano
Uranium Recovery Licensing Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Scarano:

RE: Source Material License No. SUA-1373
Docket No. 40-8693

Enclosed are our revised excursion parameter criteria pursuant to Stipulation 17 of the Teton-Nedco Source Material License SUA-1373. Pursuant to Stipulation 17, these criteria have been prescribed by the Wyoming Department of Environmental Quality.

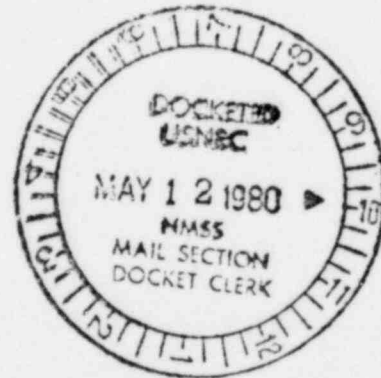
Should you have any questions concerning the above, please call me or contact Ms. Becky Mathisen of the Wyoming DEQ.

Sincerely,

UNC TETON EXPLORATION DRILLING, INC.

Dan Herlihy
Solution Mining Dept.

DH:fne
Enclosure



FREE EXEMPT

APR 28 1980
Received w/mar

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info

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UPPER CONTROL LIMITS (UCL) FOR
EXCURSION INDICATORS

<u>Well</u>	<u>Conductivity</u> mhos/cm	<u>Cl⁻</u> (mg/l)	<u>SO₄⁼</u> (mg/l)	<u>U</u> (mg/l)	<u>Na⁺</u> (mg/l)	<u>Alkalinity</u> (mg/l CaCO ₃)
<u>IDAHO AQUIFER</u>						
PN5-L570 & PN5-L304	1,137	10.6	502	1	57	221
<u>N AQUIFER</u>						
PN5-L309	1,197	13	602	1	57	197
PN5-L313	865	8	307	1	48	201
PN5-L319	1,095	22	459	1	50	172
PN5-L320	899	15	271	1	52	225
PN5-LNMI	887	22	462	1	43	187
<u>M AQUIFER</u>						
PN5-L305	636	32	344	1	51	496
PN5-L575	962	24	327	1	46	209
PN5-L576	835	19	153	1	37	231
PN5-LMM1	727	10	140	1	28	250
PN5-LMM2	585	12	105	1	31	181
<u>BASAL AQUIFER</u>						
PN5-L314	591	8.7	158	1	58	203