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September 13, 1979

Mr. D. D. Turberville
United Nuclear Corporation
4801 Indian School NE
Albuquerque, New Mexico 87110

Re: Church Rock Mill tailings pond

Dear Mr. Turberville:

Mr. Patterson and Mr. Booth have asked me to comment on the effects on ground water that would result from depositing tailings in a borrow area to be excavated within the limits of the present ponds. I believe that the situation with respect to ground water would be about the same whether tailings were deposited on the natural surface or within a shallow pit, assuming that no great thickness of bedrock is excavated and that the excavation lies within the original tailings area; these effects are discussed in general in my report to United Nuclear Industries, Inc., of November 1974.

Sincerely,

John W. Shomaker

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Consulting Geologist

JWS/nc

cc: Mr. Robert G. Patterson
Mr. Robert Booth

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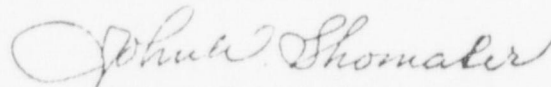
November 7, 1974

Mr. Thomas E. Dabrowski
United Nuclear Industries, Inc.
P. O. Box 490
Richland, Washington 99352

Dear Mr. Dabrowski:

Attached is a copy of my report on hydrologic conditions near the Churchrock millsite. Please let me know if there are any questions about it, or if any parts need additional treatment.

Sincerely,



John W. Shomaker
Consulting Geologist

JWS/nc
Encl.