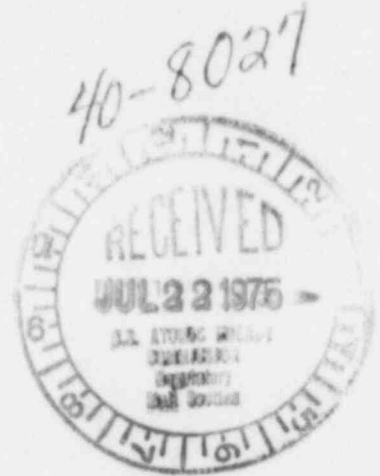


DON L. WARNER
P. O. BOX 781
ROLLA, MISSOURI 65401
July 17, 1975

Environmental File



Mr. R. B. Chitwood, Chief
Fuel Cycle Environmental
Projects Branch
Division of Materials and Fuel Cycle
Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Chitwood:

In response to your request of June 13, I have briefly examined the material you supplied concerning leakage from a retention pond at the Kerr McGee Corporation's Sequoyah Uranium Hexafluoride Plant.

My first impression of the situation is that a relatively simple problem is involved, but that it is made difficult to understand because a single straightforward compilation of the geology, hydrology, and operational and monitoring history is not available. I believe that the first step in resolving the effects of the pond or ponds on ground water should be to formulate a single document that presents all of the data in Kerr McGee's possession relevant to this particular problem in a coherent manner. After that, it should be possible to see what further studies, if any, might be useful.

As you know, over the past six years, I have accumulated information of this type, but I did not attempt to integrate it at this time, because I was uncertain how far I should pursue the problem without informing you of my opinions. If you wish, I will be willing to review all of the material now in my possession, to form an outline of a report, and to describe what I have and what appears to be needed to complete the report. This could then be checked by your staff to determine if there is further data in the NRC docket to fill in gaps that may exist. An integrated report could then be prepared by your staff, by me, or by Kerr McGee, based on the outline and the available data. Alternatively, Kerr McGee could be asked to prepare such a report without the assistance of the Commission. If I were to prepare the outline and description that is described above, it would probably require at least two days of my time. I would have to complete this preliminary step before I could comment on the length of time necessary to prepare the report.

I will await your instructions before proceeding further. Thank you for the opportunity to be of assistance to the Commission.

Sincerely yours,

Don L. Warner
Consulting Geo-
logical Engineer



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