

DOCKET NO. 40-8027
1/30/78

Mr. Donald Nusbaumer
Chief, Source and Special Nuclear
Materials Branch
U.S. Atomic Energy Commission
Washington, D.C. 20545



Dear Don:

The following questions occur to me as perhaps being the most significant to ask at this time, although Kerr-McGee should not believe that there may not be others.

1. What is the present formation pressure in the Arbuckle at the well site?

2. What is the magnitude and direction of the hydrodynamic gradient in the Arbuckle Formation in the area of the well site?

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3. How is the hydrodynamic situation influenced by the faults shown in the structure map submitted,

4. What head of fluid above the natural formation head was required to inject 125 gpm?

5. In view of 1-4 how fast and in what direction do you expect the injected waste will move away from the well site. Justify this answer.



6. Do you believe that the permeable zone to be used for injection is widespread? Elaborate on your answer?

7. Are there other wells drilled into the formations younger than the Arbuckle that are not shown on the regional structure map submitted? If so, provide this additional information on location and depth. 351

8. Are there any other Arbuckle injection wells within the area of the structure map shown? If so, what is their history of injection performance?
9. What exactly is the purpose of the monitor well? Is it a pumped well?

Don J Warner

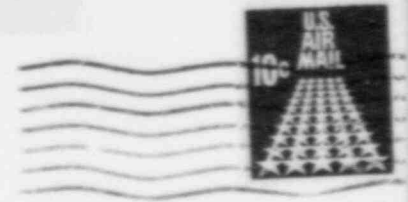


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AIR MAIL



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