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(40-8027)  
SUB-1010

United States Department of Interior  
ATTN: Mr. George De Buchanane, Chief  
Office of Radiohydrology  
U. S. Geological Survey  
Room 119  
2100 "M" Street, N. W.  
Washington, D. C. 20242

Gentlemen:

This confirms the telephone conversation on May 30, 1972, with Mr. Cecil R. Buchanan concerning the Kerr-McGee Corporation's application for amendment to License No. SUB-1010 to dispose of liquid wastes from its uranium hexafluoride production plant by deep-wall injection.

As a matter of background, in November 1969, a similar proposal from Kerr-McGee was transmitted through the Commission's Division of Reactor Development and Technology to the Office of Radiohydrology for review and comments. Subsequently, Mr. Robert Schneider responded to our request in letters dated November 19, 1969 and July 13, 1970. On October 15, 1970, we denied Kerr-McGee's initial request for liquid waste disposal by deep-wall injection and the company was given an opportunity to request a hearing on the matter. In lieu of a hearing, Kerr-McGee requested withdrawal of its application without prejudice to resubmission of another application. The request was approved.

We are enclosing a copy of Kerr-McGee's letter dated May 10, 1972, resubmitting its request for approval of deep-wall injection as a means of waste disposal. This request is supported by enclosures which represent purported hydrological and geological tests and studies. We would appreciate

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JUN 2 1972

receiving your comments and recommendations concerning the application. If we can provide you with additional information, please contact Mr. Robert L. Layfield or Mr. Cecil R. Buchanan (phone 973-7463), who will be handling the case.

Sincerely,

ORIGINAL SIGNED BY  
JAMES C. MALARO

James C. Malaro, Chief  
Materials Branch  
Directorate of Licensing

Enclosure:  
Copy of ltr dtd 5/10/72  
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Docket File  
JCMalaro, L:MB  
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