

APR 29 1975

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Docket No. 40-8027

Note to Files

THRU: R. B. Chitwood, Chief, FCEPB
L. C. Rouse, Chief, FCLB#1

MEETING WITH DEPARTMENT OF INTERIOR, RE: KERR-McGEE SEQUOYAH UF₆
PLANT FINAL ENVIRONMENTAL STATEMENT

R. B. Chitwood and J. E. Rothfleisch met with Lillian K. Stone, representing DOI-OEPR and Messrs. Eric L. Meyer and Ennis V. Giusti, representing USGS, on April 24, 1975 to discuss the comments on the Kerr-McGee FES contained in Department of Interior (DOI) letter ER-74/539 dated April 2, 1975. The major thrust of these comments was directed toward the now confirmed seepage of waste solutions from Raffinate Pond #2. Briefly, the Department of Interior questioned the validity of the assumptions used in evaluating the magnitude, and hence, the potential environmental impact of the raffinate leakage.

A major question involved the assumed continuity and integrity of the "impervious" shale layer underlying the loose surface material and sandstone below the plant site. In an effort to answer this question, the DOI requested that a number of the monitoring wells in the vicinity of the leak be drilled to a depth of about 60 feet in order that head gradients can be determined in the wells and to determine whether the seepage has penetrated the shale layer and contaminated the ground water.

Upon our request, DOI agreed to recommend a detailed program for conducting a thorough hydrogeologic investigation of the area to resolve the existing uncertainties with the program to be submitted within the next three weeks for our consideration.

ORIGINAL SIGNED BY

J. E. ROTHFLEISCH

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20565

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