

Distribution:
Docket 40-8027

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JERothfleisch

MAY 20 1977

FCPF:JER
40-8027

Kerr-McGee Nuclear Corporation
ATTN: Mr. W. J. Shelley, Director
Regulation and Control
Kerr-McGee Center
Oklahoma City, Oklahoma 73125

Gentlemen:

This will confirm the discussion held during our meeting on May 19, 1977, at NRC headquarters regarding the environmental impact appraisal underway in connection with your application for renewal and amendment of Source Material License SUB-1010 requesting expansion of the Sequoyah UF₆ conversion facility capacity to 10,000 STU per year.

It was agreed that Kerr-McGee would reevaluate the statements in their letter dated January 3, 1977, submitted in response to Question No. 11 of the enclosure to USNRC's letter of October 19, 1976, and would resubmit a modified estimate of emissions from the roof vents and the dust collector at the expanded production rate. In addition, upon receipt of the analytical results of samples taken at the Sequoyah facility for the purpose of making an isotopic material balance of the plant operation, Kerr-McGee will perform and submit calculations showing estimates of ground level concentrations of the principal isotopes (soluble and insoluble) at the points of interest shown in Table 10, Page 8-19 of the Sequoyah Final Environmental Statement (NUREG-75/007).

Upon receipt from Oak Ridge National Laboratory, NRC will forward a copy of the procedures to be used in calculating organ dose estimates for individuals located at the points of interest referred to above, and Kerr-McGee will perform and submit the calculated dose estimates.

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OFFICE

SURNAME

DATE

It is requested that submittals be made at the earliest possible opportunity in the form of amended pages or addenda to the letter of January 3, 1977, or the revised application submitted with letter dated January 12, 1977.

Sincerely,

Original Signed by

J. E. Rothfleisch
Fuel Processing & Fabrication Branch
Division of Fuel Cycle and
Material Safety

OFFICE	FCPF	mjb	FCPF			
SURNAME	JERothfleisch		LCRouse			
DATE	5/20/77		5/20/77			

FROM Kerr-McGers		DATE OF DOCUMENT May 20, 1977	DATE RECEIVED May 23, 1977	NO 06523
		LTR X	MEMO	REPORT
TO J. E. Rothfleisch		ORIG 1	CC 5	OTHER
		ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input type="checkbox"/>	DATE ANSWERED
		NO ACTION NECESSARY <input type="checkbox"/>	COMMENT <input type="checkbox"/>	BY
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Ltr trans:		reg file cy	5/23	
		LCrouse		
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ENCLOSURES		I&E (2)		
Organizational changes...		PDR		
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REMARKS				