



UNITED STATES
 ATOMIC ENERGY COMMISSION
 WASHINGTON, D.C. 20545

Release

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Docket No. 70-1193

DEC 19 1973

ELJ	ELJ
GF	DWK
KRB	FEA
CHB	KRR
RJC	TNT
HCD	HP
RE	MKG
HJJ	FILE

Mrs. Ilene Younghein
 3900 Cashion Place
 Oklahoma City, Oklahoma 73112

Dear Mrs. Younghein:

I appreciate your interest in the Kerr-McGee Cimarron Plutonium Plant, as indicated by your letter of November 20, 1973. In this connection, I believe you will be interested in the status of our environmental review as outlined in a recent letter from Mr. L. Manning Muntzing, Director of Regulation, AEC, to Dr. Marvin W. Baker, Jr., Conservation Chairman of the Sierra Club, Oklahoma Chapter. A copy of that letter is enclosed.

Our environmental review, culminating in the issuance of a Detailed Environmental Impact Statement, in accordance with the requirements of Section 102(2)(D) of The National Environmental Policy Act, will address several of the items noted by you in your letter. For example, the site analysis will consider the probabilities of floods and tornadoes. The section analyzing the environmental impact of operating the facility will consider the consequences of these events.

I have forwarded a copy of your letter to the Directorate of Regulatory Operations which, in the normal course of carrying out their responsibilities, investigate allegations of maloperation relating to safety and environmental matters.

Additional information is enclosed which I believe you may find of interest in your concern on this matter. This includes:

- WASH-1250, "The Safety of Nuclear Power Reactors and Related Facilities," July, 1973. You will find Section 4.4 of particular pertinence since it discusses plutonium and its impact on the environment.
- BNWL-1697, "Considerations in the Assessment of The Consequences of Effluents from Mixed Oxide Fuel Fabrication Plants," June, 1973.
- BNWL-1723, "Environmental Surveillance for Fuel Fabrication Plants," April, 1973.

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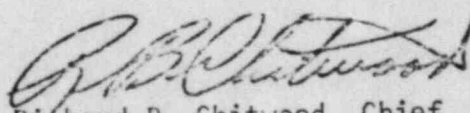
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- ORP/CSD 72-1 "Estimates of Ionizing Radiation Doses in the United States. 1960 - 2000," August, 1972.
- WASH-1209, "The Potential Radiological Implications of Nuclear Facilities in the Upper Mississippi River Basin in the Year 2000," January, 1973.

Generic Environmental Statements are currently being prepared for the Liquid Metal Fast Breeder Program, and the recycle of plutonium in light water reactors. I will arrange to send you copies when they are available some months from now. Also, because of your personal interest in the Cimarron facility, I will forward directly to you a copy of the environmental statement of this facility when it is completed.

I hope this information will be helpful to you in your search for increased understanding of the considerations and consequences of using plutonium in nuclear fuel cycles.

Sincerely,



Richard B. Chitwood, Chief
Technical Support Branch
Directorate of Licensing

Enclosures:
As stated

cc w/o encls:
H. Thornburg, RO
J. G. Keppler, Region III

