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JUN 24 1980

Docket No. 70-1257
Project M-3

Exxon Nuclear Company, Inc.
ATTN: Dr. Roy Nilson, Manager Licensing
Research and Technology Center
2955 George Washington Way
Richland, Washington 99352

Gentlemen:

The purpose of this letter is to transmit for your information an increment of the analysis of the effects of natural phenomena relative to your plutonium fabrication operations at Richland, Washington. The subject increment of analysis is an estimate of airborne plutonium releases from your Mixed Oxide Fabrication plant as a result of severe natural phenomena. A draft of the enclosure has been reviewed, and commented upon, by those analysts who required the results to carry out succeeding analyses and by NRC staff. The NRC staff has endorsed this final version of the review application in succeeding analyses. However, we will consider challenge of our endorsement when supported by credible technical bases.

Any questions you may have on the enclosed analysis should be addressed to James E. Ayer of this Branch.

Sincerely

Original signed by
Leland C. Rouse

Leland C. Rouse, Chief
Advanced Fuel and Spent Fuel
Licensing Branch
Division of Fuel Cycle and
Material Safety

Enclosure:
PNL-3340

OFFICE →	FCAF <i>[Signature]</i>	FCAF <i>[Signature]</i>	FCAF <i>[Signature]</i>		
SURNAME →	JEAyer: jet	WBurkhardt	LCRouse		
DATE →	6/23/80	6/23/80	6/24/80		

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