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AUG 14 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 the final increment of the analysis of the effects of natural phenomena relative to your Mixed Oxide Fuel Operations at Richland, Washington. The subject increment is the analysis of the risk associated with postulated plutonium releases from your Richland, Washington plant as a result of severe natural phenomena. The NRC staff has endorsed this final version of the review for 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,

Leland C. Rouse
 Leland C. Rouse

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

Enclosure:

Risk Analysis of Postulated Plutonium
 Releases from the Exxon Nuclear Mixed
 Oxide Fuel Plant as a Result of High
 Winds and Earthquakes

OFFICE	FCAF <i>760</i>	FCAF <i>B</i>	FCAF <i>A</i>		
SURNAME	JEAyer:flb	WBurkhardt	LCRouse		
DATE	8/12/80	8/12/80	8/12/80		