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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 11 1979

Project M-3
Docket No. 70-1257

Exxon Nuclear Company
ATTN: Mr. Roy Nilson, Manager,
Quality Assurance and Licensing
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 operation at Richland, Washington. The subject increment of analysis is the response of structures to earthquake hazard at your Richland, Washington plant. A draft of the enclosure has been reviewed, and commented upon, by those analysts who require the results to carry out succeeding analyses and by NRC staff. 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.

The enclosed increment of analysis, designated as Task II, presents methodology, basic data, and the results and conclusions of the study. Task I, which contains the structural condition documentation on which the study is based, because of its bulk and highly technical content, has been given limited distribution. A copy is available in our offices for your inspection if you so desire.

Any comments on the enclosed analysis should be addressed to W. Burkhardt or J. E. Ayer of this Branch. They will direct resolution of comments and any justifiable revision of the analysis.

Sincerely,

Leland C. Rouse
Leland C. Rouse, Acting Chief
Fuel Reprocessing and Recycle Branch
Division of Fuel Cycle and
Material Safety

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Enclosure:
Task II

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