



LS05-80-12-035

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

DEC 15 1980

Docket 50-155

REGULATORY SERVICES DIVISION

LETTER FOR ALL SEP LICENSEES

SUBJECT: GUIDELINES FOR SEP SOIL-STRUCTURE INTERACTION
REVIEWS

Enclosed for your information are guidelines for performing soil-structure interaction reviews for SEP facilities. Also included is a simplified analytical approach for evaluating the effects of soil-structure interaction using a lumped parameter model. The simplified approach presented does not preclude the use of other procedures which would be reviewed and approved on a case-by-case basis.

Sincerely,

Dennis M. Crutchfield
Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure: SSRT Guidelines
for SEP Soil-Structure
Interaction Review

cc: See next page

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Mr. David P. Hoffman

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8 December 1980

Mr. William T. Russell, Chief
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Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555 (Mail Stop 516)

Re: SSRT Guidelines for SEP Soil-Structure
Interaction Review
Contract NRC-03-78-150

Dear Mr. Russell:

The Guidelines for SEP Soil-Structure Interaction
Review, as prepared by the Senior Seismic Review Team, are trans-
mitted herewith with signature approval.

We are appreciative of the help of the many individuals
who contributed to the preparation of these guidelines.

Sincerely yours,

N. M. Newmark

N. M. Newmark
Chairman, SSRT

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Enclosure

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