August 22, 1985

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Docket No. 50-460
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Docket No. 50-460

Mr. D. W. Mazur
Managing Director
Washington Public Power Supply System
P.O. Box 968
3000 George Washington Way
Richland, Washington 99352

Dear Mr. Mazur:

Subject: Approval of ASME Code Case N-411 -
Washington Nuclear Project No. 1

By letter dated May 16, 1985, Mr. G. Sorensen requested NRC approval to apply ASME Code Case N-411 to WNP-1. This Code Case provides alternate damping values for the seismic analyses of Class 1, 2, and 3 piping systems for use in lieu of values given in Table N-1230-1 of Section III of the Code and corresponding to those given in Regulatory Guide 1.61. A subsequent letter from Mr. Sorensen dated August 5, 1985, identified certain conditions and limitations which would be observed in using the Code Case. These are:

1) "Multiple response spectra methodology is being used for piping system analyses. Time history methods will not be used in conjunction with the Code Case.

2) "The Code Case will be used for optimization of pipe supports (both redesign and new design) to satisfy seismic requirements. As mentioned in the reference [the May 16, 1985, letter], the Code Case will also be used to reconcile previous designs to avoid hardware modifications.

3) "For each analysis package where the Code Case is applied, the maximum displacements will be checked to verify adequate clearances exist with respect to adjacent structures, components, and equipment. Pipe mounted equipment will also be verified to assure that the equipment can withstand the increased pipe motion.

4) "For each analysis package (anchor group) where the Code Case is applied, the Code Case will be applied to the entire analysis. Regulatory Guide 1.61 requirements will not be mixed with the alternate criteria of this Code Case.

5) "The use of this Code Case with these clarifications will be documented in the next revision to the WNP-1 FSAR."

We find that the request to apply ASME Code Case N-411 to WNP-1 in the manner specified in Mr. Sorensen's letters of May 16 and August 5, 1985, is consistent with our plan to revise Regulatory Guide 1.61, and is, therefore, acceptable.

Sincerely,

/S/

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

cc: See next page

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Mr. D. W. Mazur
Washington Public Power Supply System

WPPSS Nuclear Project No. 1
(WNP-1)

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