

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8202260213 DOC. DATE: 82/02/12 NOTARIZED: NO DOCKET #  
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 AUTH. NAME AUTHOR AFFILIATION  
 BOUCHEY, G.D. Washington Public Power Supply System  
 RECIP. NAME RECIPIENT AFFILIATION  
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Forwards "Safety-Related Mechanical Equipment List: Seismic Qualification Info," in response to 820208 telcon w/NRC.

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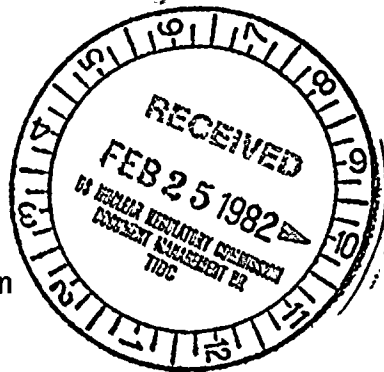
## Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

February 12, 1982  
G02-82-169

Docket No. 50-397

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2  
ADDITIONAL INFORMATION FOR SEISMIC  
QUALIFICATION OF SAFETY RELATED WNP-2 EQUIPMENT

Reference: a) Telephone Conversation between Dr. T.Y. Chang (NRC), J.N. Singh (EG&G), J.E. Rhoads (SS), R.W. Hickman (SS), and J.C. Sullivan (SS), dated February 8, 1982  
b) Letter, G02-81-0315, G.D. Bouchev (SS) to A. Schwencer (NRC), "Seismic and Hydrodynamic Qualification Status", dated September 25, 1981

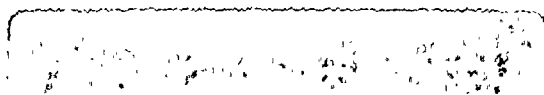
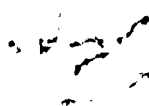
Reference (b) is the Supply Systems's submittal of information for the SQRT review.

During the conversation (reference (a)) Dr. Chang noted these three (3) areas of concern:

1. The answer to question 271.01 included interim criteria for evaluating pipe mounted equipment. Dr. Chang requested a schedule for the verification that the interim criteria is indeed conservative.

Answer: The final piping analysis of the first system will be available in June, 1982. The review of the analysis to show that the actual accelerations are less than those shown in the interim criteria will begin in July, 1982. The availability of final analyses on subsequent systems and their review will be on a continuing basis, and will be completed before fuel load.

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Mr. A. Schwencer  
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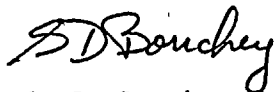
2. Dr. Chang requested that the safety-related mechanical equipment list include passive equipment such as tanks, filters, etc.

Answer: Attachment 1 to this letter is an updated safety-related mechanical equipment list for WNP-2. It includes all updates to the list made since September 25, 1981, and includes all level 1 and 2 equipment, except passive valves. The equipment is listed with the active components preceeding the passive components. Otherwise, the list is by part number.

3. Dr. Chang questioned whether a component with multi-modal response could be qualified by using single frequency testing.

Answer: The criteria for accepting single frequency testing for qualification of multi-frequency equipment is Attachment 5.5 to Engineering Departmental Instruction 4.8, which is enclosed as Attachment 2. You will find that these are rigorous requirements for qualification by the use of single frequency tests.

Very truly yours,



G. D. Bouchey  
Deputy Director, Safety and Security

RWH/jca  
Attachments

cc: R Auluck - NRC  
TY Chang - NRC  
WS Chin - BPA  
R Feil - NRC Site  
JN Singh - EG&G

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