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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 "Applicability of Use of Square-Root-of-Sum-of- Square (SRSS) Method for Combining Peak Dynamic Responses for WA Nuclear Plant 2," per 821103 ltr,Rept satisfies NUREG-0892 SER Confirmatory Item 6. see RPT

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February 3, 1983
G02-83-090

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: 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
SRSS COMBINATION OF DYNAMIC RESPONSES
CONFIRMATORY ITEM NO. 6 OF NUREG-0892

Reference: Letter G02-82-886, G.D. Bouchey (SS) to A. Schwencer (NRC), Same Subject, dated November 3, 1982

The referenced letter committed to submit a final technical report summarizing results of the "Applicability of the Use of the Square-Root-of-the-Sum-of-Squares (SRSS) Method for Combining Peak Dynamic Responses to Dynamic Loads for WNP-2". The scope of this study is in line with previous correspondence and discussions with the NRC. Combinations of dynamic responses due to safety relief valve (SRV) discharge and seismic loads are considered at locations typical of the containment vessel in the drywell region. The study includes 96 combination samples of acceleration or displacement responses due to OBE or SSE seismic loading and single valve or all valve SRV loading.

Enclosed are sixty (60) copies of this report, which closes Confirmatory Item No. 6, Section 3.9.3.1 of NUREG-0892.

Very truly yours,

GD Bouchey

G. D. Bouchey
Manager, Nuclear Safety and Regulatory Programs

jca
Enclosure

cc: R Auluck - NRC
WS Chin - BPA
M Humm - NRC
A Toth - NRC Site

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