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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 proprietary & nonproprietary versions of summary
 rept, "Comparison of Condensation Oscillation & Chugging
 Loads for Assessment of WPPSS Nuclear Project 2."
 Proprietary version withheld (ref 10CFR2.790).

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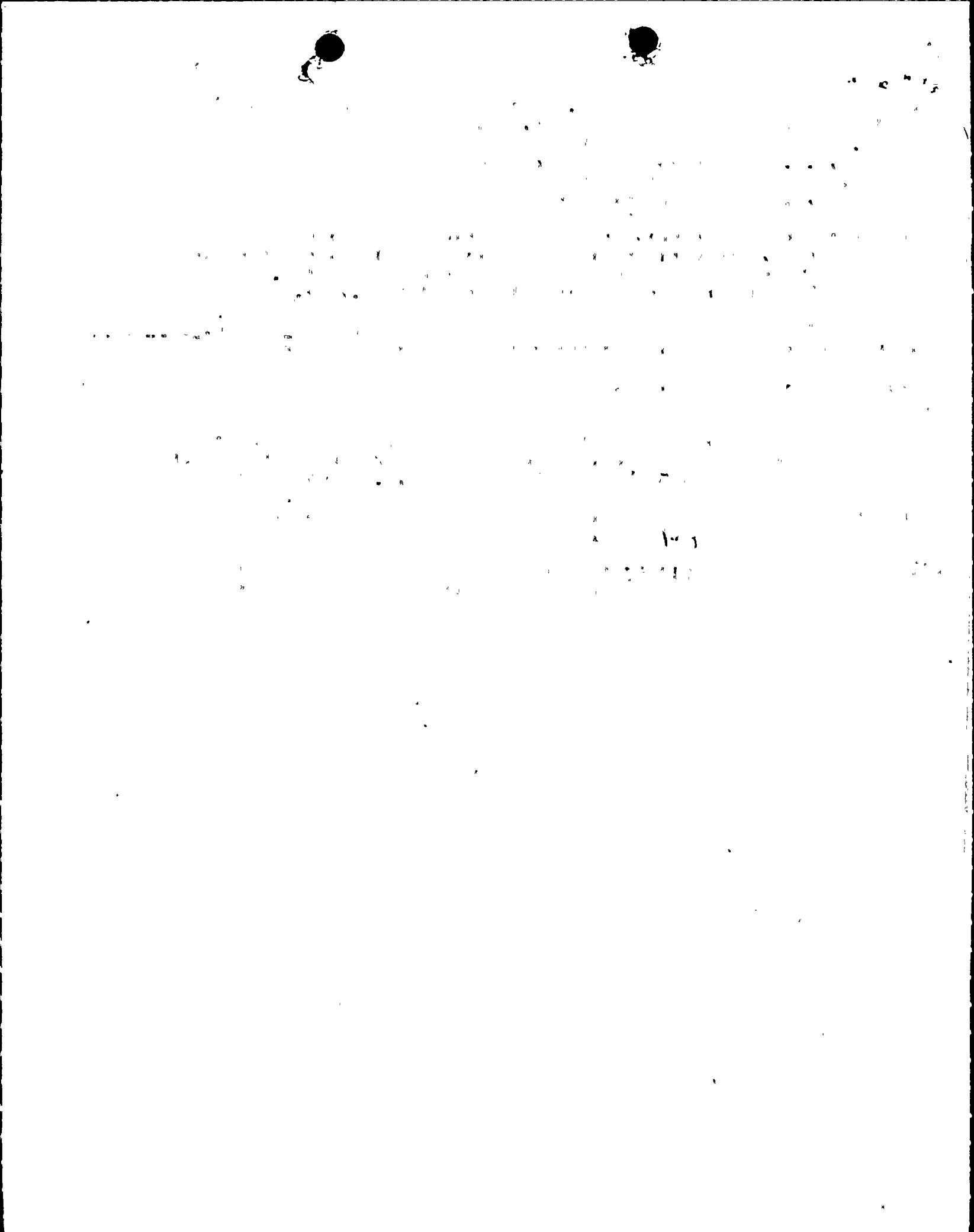
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Washington Public Power Supply System

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

Docket No. 50-397

December 24, 1981
G02-81-552

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



Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2
CONDENSATION OSCILLATION LOAD FOR WNP-2

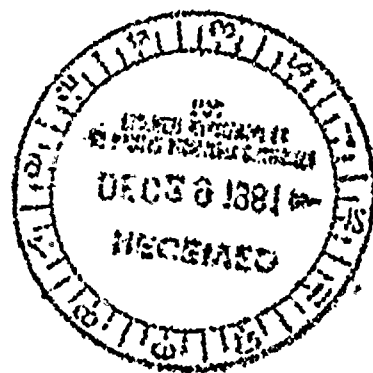
Reference: G02-81-239, August 31, 1981, G. D. Bouchee, Supply System,
to R. L. Tedesco, NRC

The Reference letter advised you that the Mark II Owners group generic condensation oscillation (CO) load definition was excessive for the WNP-2 plant, that preliminary studies indicated CO loading should not be a governing load for plant assessments, and that a final report summarizing the results of these studies would be submitted by the end of 1981. This issue was discussed further with the NRC staff and consultants at the Containment Systems Branch review meeting in Richland during the week of September 14, 1981, and is currently identified as an open item in the draft SER for WNP-2.

Transmitted herewith is the final report, "Comparison of Condensation Oscillation and Chugging Loads for Assessment of WPPSS Nuclear Project No. 2", prepared on our behalf, by Burns and Roe, Inc. This report summarizes results of studies performed to evaluate data from single-vent tests (4TCO), to review results of multi-vent tests (JAERI), and to compare CO and chugging loads. As concluded in the report, these studies confirm that the CO load does not represent a governing load for WNP-2, and consequently need not be considered in assessments of structures, piping, and equipment.

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Mr. A. Schwencer
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Please note that both a proprietary and a nonproprietary version of the CO report are enclosed. The proprietary version includes figures which have been designated proprietary by JAERI, the General Electric Company, and by Burns and Roe, Inc. Consistent with the provisions under which this information was made available to the Supply System and to Burns and Roe, and as attested to by the attached affidavit, we request that the proprietary version of this report be withheld from public disclosure in accordance with the provisions of 10CFR2.790.

We would be pleased to meet with the NRC staff and consultants, at your earliest convenience, to respond to any questions or to further discuss the contents of the enclosed report.

Very truly yours,



G. D. Bouchey
Deputy Director,
Safety and Security

EAF:kjf

Enclosure: Summary Report, "Comparison of Condensation Oscillation
and Chugging Loads for Assessment of WPPSS Nuclear Project No. 2"

cc: R. Auluck - NRC	w/proprietary report (1 copy)
EF Beckett - Nuclear Projects, Inc.	w/o attachment
WS Chin - BPA	w/o attachment
AI Cygelman - B&R Site	w/o attachment
OK Earle - B&R RO	w/o attachment
F. Eltawila - NRC	w/proprietary report (1 copy)
R. Feil - NRC Site	w/o attachment
JA Forrest - B&R RO	w/o attachment
J. Lehrer - Brookhaven National Lab.	w/proprietary report (2 copies)
ND Lewis - EFSEC	w/o attachment
FA MacLean - General Electric	w/o attachment
JC Plunkett, Jr. - NUS	w/o attachment
NS Reynolds - D&L	w/o attachment
S. Smith - General Electric	w/o attachment
RE Snaith - B&R NY	w/o attachment
JJ Verderber - B&R NY	w/o attachment
WNP-2 Files	

STATE OF WASHINGTON)
COUNTY OF BENTON) ss

Subject: Condensation Oscillation
load for WNP-2

I, G. D. Bouchey, being duly sworn, subscribe to and say that I am the Deputy Director, Safety and Security, for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that I have full authority to execute this oath; that I have reviewed the foregoing; and that to the best of my knowledge, information and belief the statements made in it are true. The information contained in the attached includes figures which have been designated proprietary by JAERI, General Electric Company and Burns' and Roe, Inc.

DATED December 24, 1981

G. D. Bouchey
G. D. Bouchey

On this day personally appeared before me G. D. Bouchey to me known to be the individual who executed the foregoing instrument and acknowledged that he signed the same as his free act and deed for the uses and purposes therein mentioned.

GIVEN under my hand and seal this 24 day of December, 1981.

Julia N. Phillips
Notary Public in and for the
State of Washington
Residing at Kennewick Wa.

