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ACCESSION NBR: 8009030521 DOC. DATE: 80/08/08 NOTARIZED: YES DOCKET #: 05000397  
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 RENBERGER, D.L. Washington Public Power Supply System  
 RECIP. NAME: RECIPIENT AFFILIATION  
 YOUNGBLOOD, B.J. Licensing Branch 1

SLE Prop. Reports

SUBJECT: Forwards "SRV. Loads - Improved Definition & Application Methodology for Mark II Containments," prepared by Burns & Roe, Inc. Rept withheld (ref 10CFR2.790).

DISTRIBUTION CODE: PT02S COPIES RECEIVED: LTR 1 ENCL 5 SIZE: 3+200  
 TITLE: Proprietary Topical Reports Re Mark II Containment (USI)

NOTES: PM: 2 copies of all material.

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1. 1990年12月，在“中国—东盟”合作中，中国首次提出“中国—东盟”合作。

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent standard deviation.

• How to find the right job

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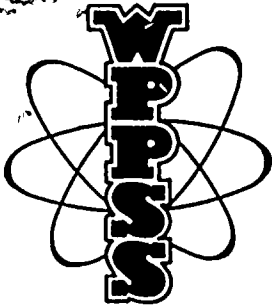
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Washington Public Power Supply System  
A JOINT OPERATING AGENCY

P. O. Box 968 3000 GEO. WASHINGTON WAY RICHLAND, WASHINGTON 99352 PHONE (509) 375-5000

August 8, 1980  
G02-80-172

Docket No. 50-397

Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington D.C. 20555

Attention: Mr. B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Subject: WPPSS NUCLEAR PROJECT NO. 2  
SUBMITTAL OF SRV-REPORT

Dear Mr. Youngblood:

Enclosed are five (5) copies of the following report:

Burns & Roe, Inc. "SRV Loads - Improved Definition and Application  
Methodology for Mark II Containments"

This report describes the main steam safety relief valve (SRV) load specification developed by Burns & Roe, Inc., and the improved modeling techniques which were developed to calculate structural responses to this load. The SRV load definition and improved structural model are based on extensive evaluations by Burns & Roe, Inc. of actual in-plant test data from the Caorso plant in Italy, with appropriate modifications of the structural model for WNP-2 conditions.

WPPSS and Burns & Roe have met previously with the NRC staff and its technical consultants (in December, 1979, and August, 1980) to discuss the methodology and analysis results described in the Report.

Portions of the Report are proprietary to Burns & Roe, Inc. and the General Electric Company, and accordingly are being submitted separately by Burns & Roe, Inc., with the appropriate documentation as required per 10CFR2.790.

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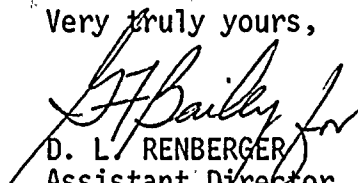
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DL Renberger  
Page 2

This Report is being submitted for review by the NRC staff for resolution of Mark II Containment loading issues. The NRC staff's early evaluation and disposition of this Report is requested.

Very truly yours,

  
D. L. RENBERGER  
Assistant Director  
Technology

DLR:EAF:cd

attachments: B&R Report

cc: JJ Verderber - B&R, NY  
D. Baker, B&R, NY  
M. Izaak, WPPSS, NY  
JR Lewis, BPA  
WM Davis, GE, SJ  
RE Snaith, B&R, NY  
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FA MacLean, GE, SJ  
WNP-2 Files



STATE OF WASHINGTON )  
COUNTY OF BENTON ) SS

G. F. BAILEY, Being first duly sworn, deposes and says: That he is the Acting Assistant Director, Technology, for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that he is authorized to submit the foregoing on behalf of said applicant; that he has read the foregoing and knows the contents thereof; and believes the same to be true to the best of his knowledge.

DATED August 7, 1980

G. F. Bailey  
G. F. BAILEY

On this day personally appeared before me G. F. BAILEY 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 7<sup>th</sup> day of August, 1980

Stanley B. Bessie  
Notary Public in and for the State  
of Washington  
Residing at Kennewick, Wash.

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DOCKET NO. 50-397

DATE: 9-4-80

NOTE TO NRC AND/OR LOCAL PUBLIC DOCUMENT ROOMS

The following item submitted with letter dated 8-27-80  
from BURNS + ROE is being withheld from public  
disclosure in accordance with Section 1.710.

PROPRIETARY INFORMATION

SRU LOADS Rpt.

Don Paulson  
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Distribution Service's Branch

