

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 6276

FILE: _____

FROM: Washington Public Pwr Richland, Wash JJ Stein		DATE OF DOC 6-5-75	DATE REC'D 6-9-75	LTR XXX	TWX	RPT	OTHER
TO: DR Butler		ORIG one signed	CC	OTHER	SENT NRC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXXXXXXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-397		

DESCRIPTION:

Ltr re their 5-8-75 ltr....furnishing
addl info with regard to a schedule
for submission of lmaterial dealing
with Mark II containment design info
.....

PLANT NAME: WPPS #2

ENCLOSURES:

**DO NOT REMOVE
ACKNOWLEDGED**

FOR ACTION/INFORMATION 6-10-75 ehf

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INTERNAL DISTRIBUTION

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OGC, ROOM P-506A	MACCARY	GAMMILL	H. GEARIN (L)	SALTZMAN
GOSSICK/STAFF	KNIGHT	KASTNER	E. GOULBOURNE (L)	MELTZ
CASE	PAWLICKI	BALLARD	P. KREUTZER (E)	
GIAMBUSSO	SHAO	SPANGLER	J. LEE (L)	PLANS
BOYD	STELLO		M. MAIGRET (L)	MCDONALD
MOORE (L)	HOUSTON	ENVIRO	S. REED (E)	CHAPMAN
DEYOUNG (L)	NOVAK	MULLER	M. SERVICE (L)	DUBE (Ltr)
SKOVHOLT (L)	ROSS (3)	DICKER	S. SHEPPARD (L)	E. COUPE
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P. COLLINS	TEDESCO	YOUNGBLOOD	H. SMITH (L)	HARTFIELD (2)
DENISE	LONG	REGAN	S. TEETS (L)	KLECKER
REG OPR	LAINAS	PROJECT LDR	G. WILLIAMS (E)	EISENHUT
FILE & REGION (2)	BENAROYA		V. WILSON (L)	WIGGINTON
MIPC	VOLLMER	HARLESS	R. INGRAM (L)	
			M. DUNCAN	

EXTERNAL DISTRIBUTION

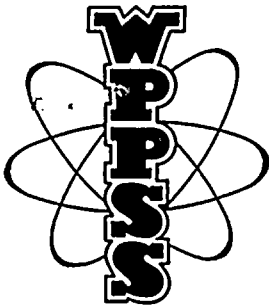
1 - LOCAL PDR <u>Richland, Wa</u>	1 - NATIONAL LABS	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	
1 - Newton Anderson		
14 - ACRS HOLDING SENT To L.A. Maigret		

[illegible]

 DEPARTMENT OF HEALTH AND HUMAN SERVICES

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P. O. Box 968 3000 GEO. WASHINGTON WAY RICHLAND, WASHINGTON 99352 PHONE (509) 946-9681

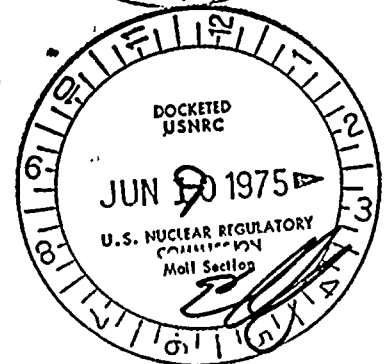
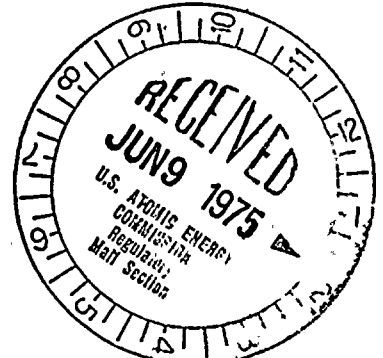
Docket No. 50-397

June 5, 1975
G02-75-163

Dr. W.R. Butler, Chief
BWR-Projects Branch No. 1-2
Directorate of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

Subject: WPPSS NUCLEAR PROJECT NO. 2
BWR MARK II CONTAINMENT
ADDITIONAL DESIGN INFORMATION

- References:
- 1) Letter, W.R. Butler to J.J. Stein, Suppression pool hydrodynamic loads during LOCA, dated April 17, 1975.
 - 2) Letter, W.R. Butler to J.J. Stein, Pool dynamic loads due to relief valve operation, dated April 23, 1975.
 - 3) Letter, J.J. Stein to W.R. Butler, BWR Mark II Containment - Additional Design Information, dated May 8, 1975.



Dear Dr. Butler:

This letter provides a schedule for the information requested by references 1 and 2 as promised by our reference 3. The attachment to this letter provides a schedule and program for resolving your concerns with the Boiling Water Reactor Mark II containment concept. The schedule calls for the submittal of containment present-design data in July 1975 and continues through the first quarter of 1976, with the schedule for final assessment of containment. We believe it would be inappropriate for us to submit a gross assessment of the highly geometry-related phenomena identified in other containment configurations for the WPPSS Nuclear Project No. 2 containment design at this time.

In the event the results of the program reveal a change or modification to the WPPSS Nuclear Project No. 2 Mark II containment is necessary, we will inform you. The WPPSS Nuclear Project No. 2 containment is essentially 100% complete and the construction pressure test required by the

ASME Code is being conducted. If it becomes established that a modification to the containment vessel is required, we have determined, through contact with our authorized inspection agency (Factory Mutual Engineering), that certain modifications could be accommodated in this ASME Section III containment vessel. Such modifications would be made in accordance with the ASME Section XI requirements. We therefore do not feel that we are precluding the ability to accommodate modifications to the containment vessel if these become necessary in the future.

Very truly yours,



J.J. STEIN
Managing Director

JJS:CLF:v1m

Attachment

cc: DJ Anderson - Bonneville Power Administration
JJ Byrnes - Burns and Roe, Inc.
FA MacLean - General Electric Company
JJ Verderber - Burns and Roe, Inc.

ATTACHMENT "A"
MARK II SCHEDULE & PROGRAM

| <u>Program</u> | <u>Schedule</u> | <u>LOCA
Questions</u> | <u>SRV
Questions</u> |
|--|-----------------------|---------------------------|--------------------------|
| 1. Submit plant unique suppression pool and relief valve drawings reflecting current design. | July, 1975 | 1 | 1,5* |
| 2. Submit a generic "Preliminary Forcing Function Report" which will provide the time history of pool dynamic forcing functions and the methods for relating these functions to the containment structures and components. | Sept., 1975 | 2,7* | 1*,2,4*,6 |
| 3. Submit a description of a suppression pool temperature monitoring system. (Temperature limits and transients will be described in the Final Safety Analysis Report). | Oct., 1975 | Not. Appl. | 7,8,9,10 |
| 4. Submit a plant unique preliminary assessment of containment structures and components based on the Preliminary Forcing Function Report. | Nov., 1975 | 3,4,5,6,7*,8 | 3,4*,5 |
| 5. Submit a schedule for the generic test program and mathematical models which justify the forcing functions used to assess containment structures and components. | Dec., 1975 | 7 | 4 |
| 6. Submit a schedule for the final assessment of containment structures and components. | First Quarter
1976 | | |

* Partial Answer

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