

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

CONTROL NO: 5294

FILE: _____

FROM: WPPSS Richland, Wash. 99352 J.J. Sten			DATE OF DOC 5-8-75	DATE REC'D 5-13-75	LTR XX	TWX	RPT	OTHER
TO: Mr. W.R. Butler			ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-397		

DESCRIPTION: Ltr re our 4-17-75 & 4-23-75
ltrs....adv. that info re containment design
info will be submitted by the week of June
2, 1975....

ENCLOSURES:

ACKNOWLEDGED

Do Not Remove

PLANT NAME: WPPSS 2

FOR ACTION/INFORMATION

DHL 5-14-75

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INTERNAL DISTRIBUTION

<u>REG FILE</u> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MPIC STEELE	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK (3) ROSS TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	<u>DENTON</u> GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR <u>Loose</u> HARLESS	<u>LIC ASST.</u> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L)	<u>A/T IND.</u> BRAITMAN SALTZMAN MELTZ <u>PLANS</u> MCDONALD CHAPMAN DUDE (Ltr) E. Hughes E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON <u>VARGA</u>
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EXTERNAL DISTRIBUTION

1 - LOCAL PDR Richland, Wash.	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 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
1 - ACRS HOLEMAN/SENT		

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Figure 1

Diagram illustrating the experimental setup for measuring the effect of temperature on the rate of reaction between hydrogen peroxide and potassium iodide.

The diagram shows a test tube containing a mixture of hydrogen peroxide (H_2O_2) and potassium iodide (KI). The test tube is placed in a water bath at a specific temperature. A gas syringe is connected to the test tube to measure the volume of oxygen gas produced during the reaction.

The reaction is represented by the equation:

$$H_2O_2 + 2KI \rightarrow I_2 + 2KOH + O_2$$

The diagram also indicates the measurement of the time taken for the reaction to occur, which is used to calculate the rate of reaction.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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[illegible]

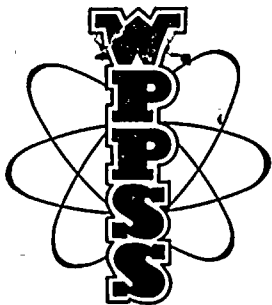





[illegible]

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1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.



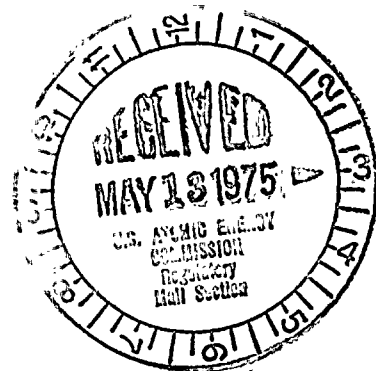
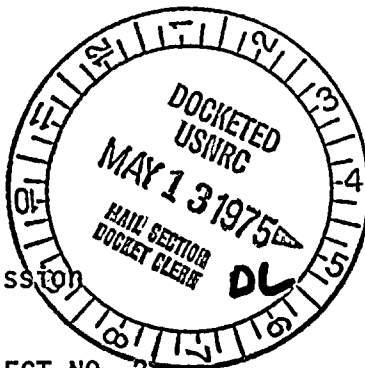
Washington Public Power Supply System
A JOINT OPERATING AGENCY

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

Docket No. 50-397

May 8, 1975
G02-75-132

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

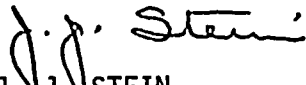
Reference: 1) Letter, W.R. Butler to J.J. Stein, Suppression pool
hydrodynamic loads during LOCA, dated April 17, 1975.
2) Letter, W.R. Butler to J.J. Stein, Pool dynamic loads
due to relief valve operation, dated April 23, 1975.

Dear Dr. Butler:

You have recently transmitted two (2) letters to us requesting additional information relative to the design of Mark II containments to account for suppression pool hydrodynamic loads that occur during loss of coolant accidents (Reference 1) and safety/relief valve discharge events (Reference 2). A schedule and program for resolution of these matters is being developed in conjunction with other utilities owning Mark II containments and the General Electric Company. At this time, we are unable to determine whether the information requested by Reference 2 can be supplied within the specified 90 days.

We will provide you with our schedule for submitting the requested containment design information and evaluation by the week of June 2, 1975.

Very truly yours,


J.J. STEIN
Managing Director

JJS:GLG:ke

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Packet File

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