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SUBJECT: Final response to IE Bulletin 85-003, Suppl 1.

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4/10/89

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

August 2, 1989
G02-89-133

Docket No. 50-397

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

Gentlemen:

Subject: NUCLEAR PLANT NO. 2
FINAL RESPONSE TO IE BULLETIN 85-03
SUPPLEMENT 1

Reference: 1) Letter, G02-88-195, GC Sorensen to NRC
"Response to IE Bulletin 85-03, Supplement 1",
dated September 9, 1988
2) Letter, G02-87-290, GC Sorensen to JB Martin,
"Final Response to IEB 85-03", dated December 18, 1987

In Reference 1) we provided our response to IE Bulletin 85-03, Supplement 1 and noted that completion of testing of three valves (HPCS-V-1, RCIC-V-10 and RCIC-V-68) during the Spring 1989 refueling outage would be required to achieve final closure of the issue.

The three valves have been tested as noted in the attachment to verify that each of the motor operators is capable of producing the minimum target thrusts required to open the valves against the design open differential pressures listed. The minimum target thrusts have been obtained using the same methodology as in the response to the original IE Bulletin 85-03 (Reference 2). The measured thrust values were obtained by analysis of the spring pack calibration signatures.

The subject valves are controlled by their limit switches in the open direction with their open torque switches jumpered throughout travel. Therefore, as long as the thrust measured is greater than the minimum target thrust required, the valves are deemed operable to perform their safety function due to inadvertent mispositioning.

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FINAL RESPONSE TO IE BULLETIN 85-03 SUPPLEMENT 1

By a comparison of the thrust measured to the minimum target thrust in the attachment, all valves have measured thrust values greater than the target thrust values and are therefore deemed operable.

This completes the Supply System's response to IE Bulletin 85-03 and Supplement 1.

Very truly yours,


G. C. Sorensen, Manager
Regulatory Programs

AGH/bk

cc: JB Martin - NRC RV
NS Reynolds - BCP&R
RB Samworth - NRC
DL Williams - BPA/399
NRC-Site Inspector - 901A

STATE OF WASHINGTON)
COUNTY OF BENTON)

WNA? RETURN
Subject: TEB 85-CB
Scip. I

I, G. C. Sorensen, being duly sworn, subscribe to and say that I am the Manager, Regulatory Programs, 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.

DATE 2 Aug, 1989

G. C. Sorensen
G. C. Sorensen, Manager
Regulatory Programs

On this day personally appeared before me G. C. Sorensen 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 herein mentioned.

GIVEN under my hand and seal this 2nd day of August 1989.

Theresa J. Robertson
Notary Public in and for the STATE
OF WASHINGTON

Residing at Richland, WA
My commission expires 7/14/91

ATTACHMENT

BWR Valve # (Note 1)	WNP-2 Valve #	Valve Description	Diff. Press. Open, PSID (Note 2)	Min. Target Thrust, LBS.	Measured Thrust, LBS.	Test Date
3	HPCS-V-1	HPCS System CST Suction Valve	33.5	5,251	13,000	5/5/89
3	RCIC-V-10	RCIC System CST Suction Valve	37.6	2,973	11,550	5/16/89
VI	RCIC-V-68	RCIC System Turbine Exhaust Isolation Valve	45.0	4,412	12,800	5/15/89

Notes:

1. Valve designations as they appear in Report No. NEDC-31322, BWR Owners Group Report on the Operational Design Basis of Selected Safety-Related Motor Operated Valves, September, 1986.
2. Required differential pressure to reposition valve after valve has been inadvertently mispositioned.