TITLE	SHEET	DATE/REV.
5.0 Quality Assurance Program	5-1	0
6.0 Flow Diagrams	6-1	0
Control Service Air	M 510*	34
Diesel Oil & Misc. Systems	M 512	13A
Reactor Core Iso. Cooling	M 519	21
Low Pressure Core Spray	M 520	18
High Pressure Core Spray	M 520	18
Residual Heat Removal	M 521	25
Standby Liq. Control	M 522	9
Reactor Water Cleanup	M 523	32D
Standby Service Water	M 524	22D
Reactor Closed Cooling	M 525	21D
Fuel Pool Cooling	M 526	28C
Control Rod Drive	M 528	20
Main Steam	M 529	25A
Reactor Feedwater	M 529	25A
Reactor Recirc. Cooling	M 530	23A
Equip. Drain Radioactive	M 537	27
Floor Drain Radioactive	M 539	32A
Containment Cooling&Purge	M 543	21
Containment Atmos. Control	M 554	14
Containment Instru. Air	M 556	13A
Main Steam Leakage Cont.	M 557	7A
Steam and Liquid Sam.	M 607 sh. 2	5

*Burns & Roe Flow Diagram Number

E. Adensam
Bradfute
TAC 57281

December 11, 1985

Docket No.: 50-397

DISTRIBUTION
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Mr. G. C. Sorensen, Manager
Regulatory Programs
Washington Public Power Supply System
P.O. Box 968
3000 George Washington Way
Richland, Washington 99352

Dear Mr. Sorensen:

Subject: License Condition 2.C. (6) Ultimate Heat Sink

References: (1) Facility Operating License NPF-21 - WPPSS Nuclear Project No. 2, dated December 20, 1983

(2) Letter GO-85-649, Sorensen (SS) to Butler (NRC), dated September 27, 1985

The Operating License granted to the Supply System, Reference (1), included a condition for operation, 2.C.(6), that required the Supply System to "...perform operational testing of the ultimate heat sink spray ponds to verify analyzed parameters of drift loss, seepage and operational capacity." Those tests were conducted during the summer of 1985, and formally reported to the NRC in an attachment to a letter, Reference (2).

The staff has reviewed this report on spray pond drift loss, etc. transmitted with the referenced letter. The staff agrees with the procedures used for measuring water losses and concludes that the range of windspeeds encountered is adequate for verification of the relationship used in the analysis. The measurements showed that a safety margin of about 20% exists between the data and the safety analysis values and increases with increasing windspeed. We conclude that the original analysis performed by WPPSS in 1979 was conservative in regard to calculation of drift losses.

Based on this review, the staff approves the Supply System's results and conclusions. This approval completes the action which fully satisfies the license condition 2.C.(6), Ultimate Heat Sink.

Sincerely,

Elinor Adensam, Director
BWR Project Directorate #3
Division of BWR Licensing

cc: See next page

BWR:PD#3	LA:BWR PD#3	PWR-A:ENG	BWR:DE	D:BWR:PD#3
JBradfute:mn	EHylton	RBallard	BLiaw	EAdensam
12/3/85	12/3/85	12/6/85	12/09/85	12/10/85

Mr. G. C. Sorensen, Manager
Washington Public Power Supply System

WPPSS Nuclear Project No. 2
(WNP-2)

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