

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 AUTH. NAME AUTHOR AFFILIATION
 SORENSEN, G. C. Washington Public Power Supply System:
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Requests that Tech Spec Limiting Condition for Operation
 3.7.1.3 be changed to read, "Ultimate heat sink consisting
 of two separate spray ponds w/redundant pumping & spray
 facilities shall be operable w/:" for clarification.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
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NOTES:

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	BWR PD3 PD	5	5	BRADFUTE, J	1	1
	BWR PSB	1	1	BWR RSB	1	1
INTERNAL:	ACRS	6	6	ADM/LFMB	1	0
	NRR/DHFT/TSCB	1	1	NRR/ORAS	1	0
	OGC/HDS2	1	0	REG FILE 01	1	1
EXTERNAL:	EG&G BRUSKE, S	1	1	LPDR	1	1
	NRC PDR	1	1	NSIC	1	1

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Washington Public Power Supply System

3000 George Washington Way P.O. Box 968 Richland, Washington 99352-0968 (509)372-5000

March 13, 1987
G02-87-092

Docket No. 50-397

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: NUCLEAR POWER PLANT NO. 2
OPERATING LICENSE NPF-21, REQUEST FOR
AMENDMENT TO TECHNICAL SPECIFICATIONS
ULTIMATE HEAT SINK, CLARIFICATION

Reference: Letter, G02-86-243, GC Sorensen (SS) to
EG Adensam (NRC), "Request for Amendment to
License - (Ultimate Heat Sink)", dated 3/21/86

The reference requested certain changes to Technical Specification Limiting Condition For Operation 3.7.1.3 "Ultimate Heat Sink" to allow removal of one spray pond from service in operational condition "star". Per discussions with your staff and in order to provide clarification the Supply System requests that 3.7.1.3 be changed to read, "The ultimate heat sink consisting of two separate spray ponds with redundant pumping and spray facilities shall be operable with:" instead of the wording initially proposed in the above reference.

The reason that this wording is requested is so that the Technical Specification Ultimate Heat Sink description can be consistent with that provided in the WNP-2 Final Safety Analysis Report, section 9.2.5.2.

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AMENDMENT TO TECHNICAL SPECIFICATIONS
ULTIMATE HEAT SINK, CLARIFICATION

Additionally, as a result of discussions with Region V, a clarifying statement is being added to paragraph 3/4.7.1 of the Bases (attached) in order to preclude any misunderstanding with respect to the definition of "operability" when the system is aligned in the spray bypass mode during the winter. This is considered to be an administrative change.

Should you have any questions, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

PLP/bk

cc: JO Bradfute - NRC
JB Martin - NRC RV
E Revell - BPA
NS Reynolds - BLCP&R
NRC Site Inspector

Insert to 3/4.7.1 Service Water Systems (Bases)

During periods of low ambient temperatures, when the possibility of freezing exists if the sprays were to be operated, the discharge of each spray cooling division is typically aligned directly into the pond (spray bypass mode). Safety analysis has shown that several hours are available for realignment to spray following the design basis LOCA accident in conjunction with extreme meteorological conditions. A 72°F alarm requiring action for realignment provides 2 1/2 hours before 77°F would be exceeded, based on accident heat loads. With the pond temperature below 77°F and the spray headers in service the safety analysis provided in FSAR Section 9.2.5 is bounding and the system therefore remains operable in the spray or bypass mode of operation.

