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 RECIP. NAME RECIPIENT AFFILIATION  
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Informs that need no longer exists for revised stability analysis, per License Condition 2.C. (10). Jul 1985 Tech Spec change removes areas of potential concern & satisfies license condition.

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## Washington Public Power Supply System

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PDR ADDCK 05000397  
P PDR

Docket No. 50-397

Director of Nuclear Reactor Regulation  
Attention: E.G. Adensam, Project Director  
BWR Project Directorate No. 3  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Ms. Adensam:

Subject: NUCLEAR PLANT NO. 2  
OPERATING LICENSE NPF-21  
LICENSE CONDITION 2.C.(10)

- Reference: 1) Licensing Condition 2.C.(10), Washington  
Public Power Supply System, Docket No.  
50-397, WPPSS Nuclear Plant No. 2,  
Facility Operating License, License No.  
NPF-21.
- 2) Section 4.4.4, Thermal-Hydraulic Stability  
Safety Evaluation Report related to the  
operation of WPPSS Nuclear Plant No. 2,  
Docket 50-397, NUREG-0892, March 1982.

License condition 2.C.(10) to the WNP-2 operating license states that "prior to startup following the first refueling outage, the licensee shall provide for NRC staff review and approval a revised stability analysis." The Supply System considers that this license condition has been satisfied.

In July, 1985, the Supply System applied for and obtained modification of the WNP-2 technical specifications to include surveillance requirements for detecting thermal-hydraulic instabilities and specifying the remedial operator actions for responding to them (License Amendment No. 16).

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Ms. E. G. Adensam  
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LICENSE CONDITION 2.C.(10)  
(NPF-21)

Criterion 12, of 10CFR50, Appendix A states, in part:

The reactor core and associated coolant, control and protection system shall be designed to assure that power oscillations which can result in conditions exceeding specified acceptable fuel design limits are not possible or can be reliably and readily detected and suppressed.

Adoption of the stability surveillance technical specifications meets this criteria.

The Supply System has evaluated the implications of thermal-hydraulic stability based on the General Electric recommendations given in SIL 380 Rev. 1, which formed the basis for the above mentioned technical specification changes. We have determined that the implemented changes alleviate any concerns relating to the thermal-hydraulic stability of WNP-2. The NRC staff has concurred in this determination. The NRC Safety Evaluation Supporting Amendment No. 16 notes that "The WNP-2 submittal provides an improved means for maintaining thermal-hydraulic stability by restricting power level to values that depend on flow rate instead of a constant upper limit."

Based on the above discussion, there no longer exists a need for a revised stability analysis for WNP-2 because the above mentioned technical specification changes remove any areas of potential concern, thereby satisfying the intent of the subject license condition.

Very truly yours,



G. C. Sorensen (MD 280)  
Manager, Regulatory Programs

WCW:jmm

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

