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SUBJECT: Provides results of testing of sensitivity of Gamma-Metrics monitoring sys.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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September 22, 1989  
G02-89-173

Bucket No. 50-397

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
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Gentlemen:

Subject: NUCLEAR PLANT NO. 2, OPERATING LICENSE NPF-21  
VERIFICATION OF SENSITIVITY OF WIDE RANGE  
NEUTRON MONITOR

Reference: Letter, G02-89-109, GC Sorensen (SS) to NRC,  
"Satisfaction of License Condition 2.C.(16),  
Attachment 2, Item 3(b), Wide Range Neutron  
Monitor", dated June 15, 1989

In the reference letter, the Supply System indicated that the sensitivity of the Gamma-Metrics monitoring system installed at WNP-2 would be determined during power ascension from the spring 1990 refueling outage. By mutual agreement, we agreed to provide the results of this testing no later than September 22, 1989. The purpose of this letter is to provide those results.

The Supply System has evaluated the data generated during power ascension and determined that the Wide Range Neutron Monitoring System is capable of monitoring the full range of sensitivity recommended by Reg. Guide 1.97, Rev. 2.

Very truly yours,

G. C. Sorensen, Manager  
Regulatory Programs

HLA/bk

cc: JB Martin - NRC RV  
NS Reynolds - BCP&R  
RB Samworth - NRC  
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