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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Power 05000397  
~~50-358 William H. Zimmer Nuclear Station, Unit 1, Cincinnati 05000358~~

AUTH. NAME: BOUCHEY, G.D.  
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 RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Responds to J Rosenthal 820219 concerns re 811230 ltr on rod block monitors. Rod block monitor sys design is similar to Zimmer design. Facility sys has been reviewed & resolution provided.

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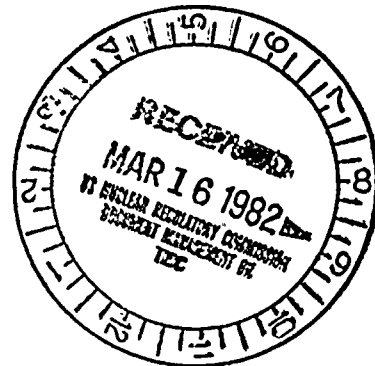
## Washington Public Power Supply System

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

March 2, 1982  
G02-82-285

Docket No. 50-397

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2  
ICSB - ROD BLOCK MONITOR (SECTION 7.6)

Reference: Letter, G02-81-563, G.D. Bouchey (SS) to  
A. Schwencer (NRC), "LRG Appendix I",  
dated December 30, 1981

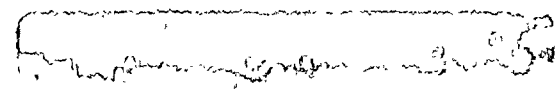
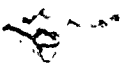
The following addresses those concerns expressed by Mr. Jack Rosenthal, NRC, regarding above referenced letter on "Rod Block Monitors", during telephone conversations with Supply System personnel and the NRC staff the week of February 19, 1982:

The Rod Block Monitor System design is similar to the Zimmer design. There were four (4) items identified to be resolved in the Zimmer design. The WNP-2 system has been reviewed and resolution provided as delineated below:

1. Identified open spaces around cables penetrating the fire barriers between redundant channels. For WNP-2, the four (4) flow monitors are interconnected by armored cable and shielded cables which penetrate the fire barriers between redundant channels with a maximum clearance between cable and barrier of 1/16.
2. Rod Block Monitor Channels are connected by data buses which are enclosed in a metal shield and run along the top of the cabinet.

Reference Zimmer response Docket No. 50-358 tests of the devices which isolate the separate Rod Block Monitor Channels from the Reactor Manual Control System, and hence, from each other. We conclude that these devices provide adequate isolation.

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Mr. A. Schwencer  
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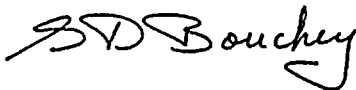
3. Wiring of the Rod Block Monitor Bypass Switch may not satisfy separation criterion.

WNP-2 wiring is being rerouted to provide acceptable separation.

4. Identifies the multiplexing circuitry interface with the new Reactor Manual Control System. This has been resolved generically between the NRC and General Electric.

WNP-2 has included a surveillance requirement in the Technical Specification for the Rod Block Monitor.

Very truly yours,



G. D. Bouchey  
Deputy Director, Safety and Security

MWH/jca

cc: R Auluck - NRC  
WS Chin - BPA  
R Feil - NRC Site  
J Rosenthal - NRC

