

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397  
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 RECIP. NAME: RECIPIENT AFFILIATION:  
 BUTLER, W. R. NRC - No Detailed Affiliation Given

SUBJECT: Comments on 850227 application for amend to license  
 replacing high discharge signal w/pump running input from  
 pump breaker. Proposed changes will not solve problem.  
 Reevaluation of proposed amend urged.

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and the fact that the Government has been unable to obtain the necessary information to make a proper assessment of the situation in the country.

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100-441100-100

[illegible]

Rick Gill  
E. 3207 24th  
Spokane WA. 99203

June 23, 1985

NRC  
1717 H. Street, N.W.  
Washington D.C. 20555  
Att. Walter R. Butler

WPPSS - WNP-2 application dated Feb. 27, 1985

Dear Mr. Butler,

I wish to comment on the purposed amendment of the operating license for WNP-2. The revision to the specifications as listed in the Public Notice (copy attached) may neither solve the problem or be the most technically correct solution.

The amendment "seeks to replace the high discharge signal with a pump running input taken from the pump breaker. Thus, the valve would open on low flow and breaker closed (pump running) and would close on high flow or with the breaker open." The apparent intent is to control a valve from a combination of sensing flow and the running condition of a pump.

Unfortunately the state of a breaker (open or closed) does not usually indicate the running condition of a pump. A breaker closed indication at best may indicate that the pump is able to run. Intervening disconnect switches and starters would be able to stop (secure) the pump. The proposed system would most likely result in a control signal indicating pump running all of the time. This would probably increase the likelihood of aggravating the original problem.

A better indication of pump running condition would be an auxiliary interlock on the pump starter.

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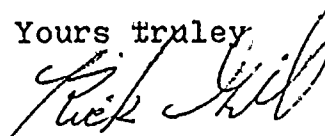


An auxillary interlock is a device which attaches to the starter and opens and closes as the starter open and closes. The reliability of the system would be enhanced by the addition of a power monitor attached to the line side of the starter giving an indication that power to operate the pump is available at that point.

An alternate solution to the problem would be the addition of a current relay to monitor the the current draw of the pump. A pump drawing current indicates the pump is operating while a pump drawing zero current indicates a pump not operating.

In short I do not believe that the proposed changes will solve the indicated problem and that correct solutions have been overlooked. I would urge you to reevaluate the proposed amendment.

Yours truly

A handwritten signature in cursive script, appearing to read "Rick Gill".

Rick Gill

509-535-9560