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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Power 05000397  
 AUTH. NAME: SORENSEN, G.C. AUTHOR AFFILIATION: Washington Public Power Supply System  
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Forwards marked-up Tech Spec re ECCS in response to 830923 request for proposed change to surveillance requirements on automatic depressurization sys backup air supply, per SER, NUREG-0892 & ITEM ii.k.3.28.

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## Washington Public Power Supply System

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

October 6, 1983  
G02-83-891

Docket No. 50-397

Director of Nuclear Reactor Regulation  
Attention: 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  
NUREG-0892, SAFETY EVALUATION REPORT, SUPPLEMENT  
NO. 2, TMI ACTION ITEM II.K.3.28

Reference: Letter, G02-83-861, G. C. Sorensen (SS) to A.  
Schwencer (NRC), same subject, dated September 23,  
1983

The reference letter provided a proposed technical specification change to the surveillance requirements on the ADS backup air supply. In a phone conversation between Messrs. R. Auluck and T. Collins (NRC staff) and P. Powell and C. Powers (Supply System), further clarification of the technical specification change was requested. The attached technical specification markup is provided in response to this request.

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

Very truly yours,



G. C. Sorensen, Acting Manager  
Nuclear Safety and Regulatory Programs

PLP/tmh  
Attachment

cc: R Auluck - NRC  
WS Chin - BPA  
D Hoffman - NRC  
A Toth - NRC

*Boo!*  
*1/1*

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PDR ADDCK 05000397  
PDR



## EMERGENCY CORE COOLING SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

e. For the ADS by:

1. At least once per <sup>31 days</sup> ~~24 hours~~ by verifying that the accumulator backup compressed gas system ~~maintains a minimum pressure of 25 standard cubic feet at 2500 psig.~~ <sup>pressure in each bottle is  $\geq 2200$  psig.</sup>
2. At least once per 31 days, performing a CHANNEL FUNCTIONAL TEST of the accumulator backup compressed gas system low pressure alarm system.
3. At least once per 18 months:
  - a) Performing a system functional test which includes simulated automatic actuation of the system throughout its emergency operating sequence, but excluding actual valve actuation.
  - b) Manually opening each ADS valve when the reactor steam dome pressure is greater than or equal to 100 psig\* and observing that either:
    - 1) The control valve or bypass valve position responds accordingly, or
    - 2) There is a corresponding change in the measured steam flow.
  - c) Performing a CHANNEL CALIBRATION of the accumulator backup compressed gas system low pressure alarm system and verifying an initiation setpoint of  $140 \pm 3$  psig on decreasing pressure and an alarm setpoint of  $135 \pm 3$  psig on decreasing pressure.
  - d) Verifying <sup>minimum</sup> nitrogen capacity <sup>based on a bottle pressure of 2200 psig</sup> at least 2 bottles per division within the backup compressed gas system.

\*The provisions of Specification 4.0.4 are not applicable provided the surveillance is performed within 12 hours after reactor steam pressure is adequate to perform the test.