

*EU Quann*

**Babcock & Wilcox**

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POOR ORIGINAL

Mr. T. D. Murray, Station Superintendent  
Davis-Besse Nuclear Power Station  
5501 North State Route #2  
Oak Harbor, Ohio 43449

Subject: Control of Steam Generator Water Level  
Following SFRCS Actuation

Dear Terry:

The auto essential mode of control for the SFRCS is designed to automatically control steam generator water level at 120 inches (96 inches indicated on the startup range level instrumentation) following an SFRCS actuation.

Adjustments to this level setpoint and the design interface between the SFRCS and SFAS is currently under evaluation. Until these changes have been permanently made, the interim operating instructions given on the attachment should be incorporated into the appropriate Davis-Besse Unit I procedures.

These interim operating instructions will permit Davis-Besse Unit I to continue power operation.

If you have any questions, please advise.

Yours truly,  
*Fred R. Faist*

Fred R. Faist  
(Acting) Site Operations Manager

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INTERIM OPERATING INSTRUCTIONS  
FOR  
CONTROL OF STEAM GENERATOR LEVEL  
FOLLOWING SFRCS ACTUATION  
AT ANY POWER LEVEL

CASE 1:

For any SFRCS actuation without ESFAS actuation of the HPI System, the operator shall:

- a. Monitor pressurizer level and take preventative action (secure let-down and manually start the second makeup pump) if required to maintain indicated pressurizer level.
- b. Ensure by manual control of the auxiliary feedwater system, maintenance of steam generator level at 35 inches (indicated) on the startup range instrumentation.

CASE 2:

For any SFRCS actuation followed by ESFAS actuation of the HPI System, the operator shall:

- a. Place the SFRCS in the auto essential mode if control of auxiliary feedwater is in manual prior to HPI System initiation by ESFAS.
- b. Monitor steam generator level to ensure automatic control at 120 (96 inches indicated) inches on the startup range instrumentation.

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