

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8303100164 DOC. DATE: 83/03/03 NOTARIZED: NO  
 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.  
 AUTH. NAME: UHRIG, R.E. AUTHUR AFFILIATION: Florida Power & Light Co.  
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

DOCKET # 05000389

SUBJECT: Advises that existing pipe configuration for vol control tank overpressure protection consistent w/appropriate ASME Code. Minor mod to V-2526 being processed, to satisfy NRC 830215 concern. Completion expected prior to core load.

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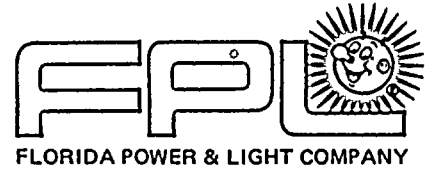
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Page 2

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March 3, 1983  
L-83-118

Office of Nuclear Regulations  
Attention: Mr. Darrell G. Eisenhut  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20055

Dear Mr. Eisenhut:

Re: St. Lucie Unit No. 2  
Docket No. 50-389  
Volume Control Tank  
Overpressure Protection

In our letter L-82-434, dated October 8, 1982, FPL addressed several items that were not to be completed by core load. One of the items was the backfit piping modification (SL-2-BF-093) to the primary fill line on the Volume Control Tank (VCT) discharge line.

During the review of the referenced letter, the staff identified a licensing concern regarding the overpressure protection for the VCT, which is integral with the primary fill line. In subsequent discussions with your staff and in a letter dated February 15, 1983 (T. Novak to Dr. R. E. Uhrig), it was stated that the existing configuration may not be in conformance with the ASME Code.

The overpressure protection for the VCT is provided by relief valve V-2115. This valve is located on a branch line 4-CH-554 downstream of check valve V-2526 on the VCT Discharge Line, 4-CH-459. This configuration is shown in the attached Figure 1. The backfit modification, which will be completed during the first refueling outage is shown in the attached Figure 2.

While the existing piping configuration for the VCT overpressure protection is consistent with the appropriate ASME Code Requirements, FPL is in the process of implementing a minor modification that will satisfy the NRC's Code concern. So that a direct relief path can exist between the VCT and V-2115, the internals of the check valve V-2526 will temporarily be removed until completion of backfit package S1-2-BF-039, at which time the internals will be reinstalled.

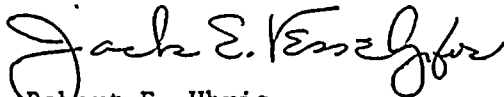
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8303100164 830303  
PDR ADDCK 05000389  
A PDR

This minor modification to V-2526 will not hamper the Chemical and Volume Control System's ability to provide demineralized water and it will be completed prior to core load.

Please do not hesitate to call if you have any questions regarding this matter.

Very truly yours,



Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

REU/RJS/PPC/njb

Attachment

cc: J. P. O'Reilly, Region II  
Harold F. Reis, Esquire

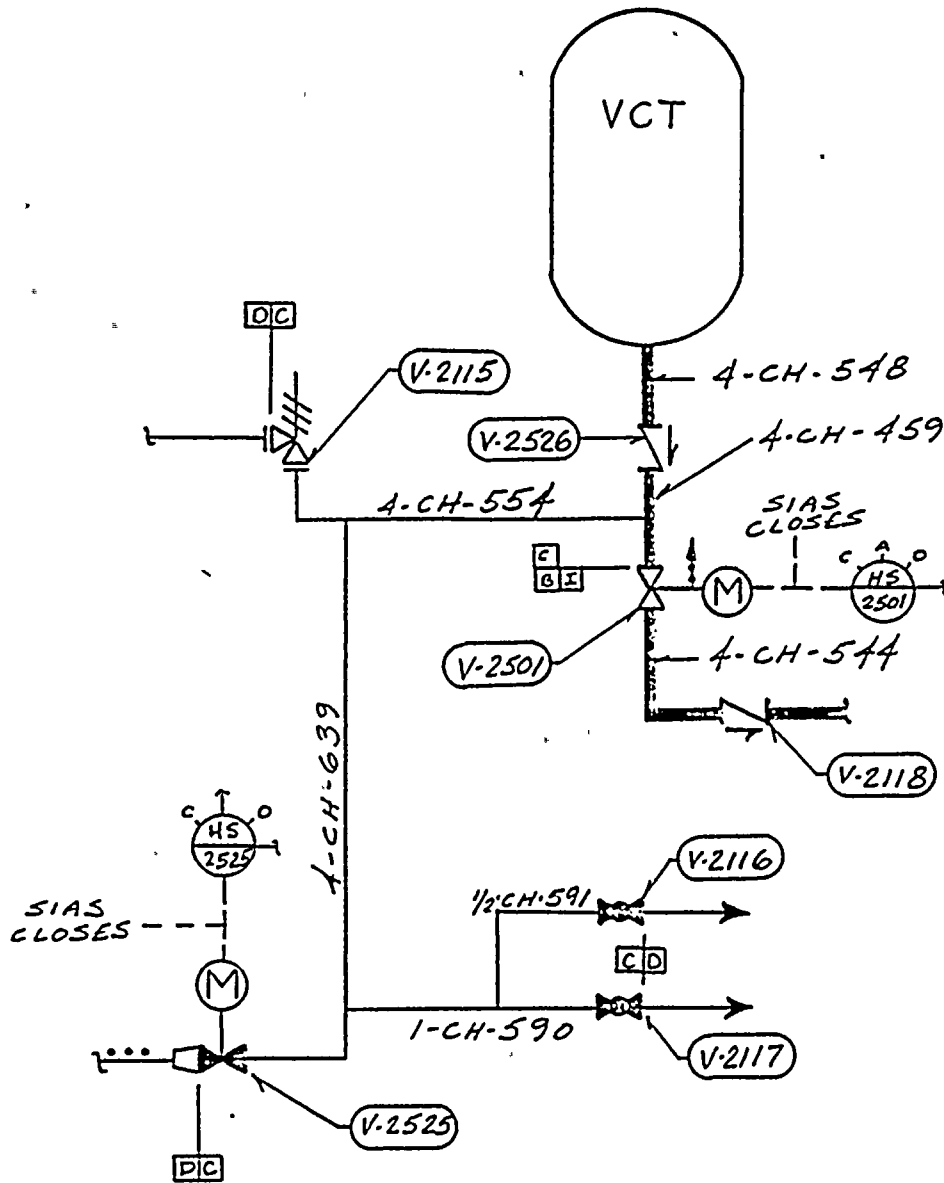


FIGURE 1

VOLUME CONTROL TANK INITIAL  
OVERPRESSURE PROTECTION  
CONFIGURATION

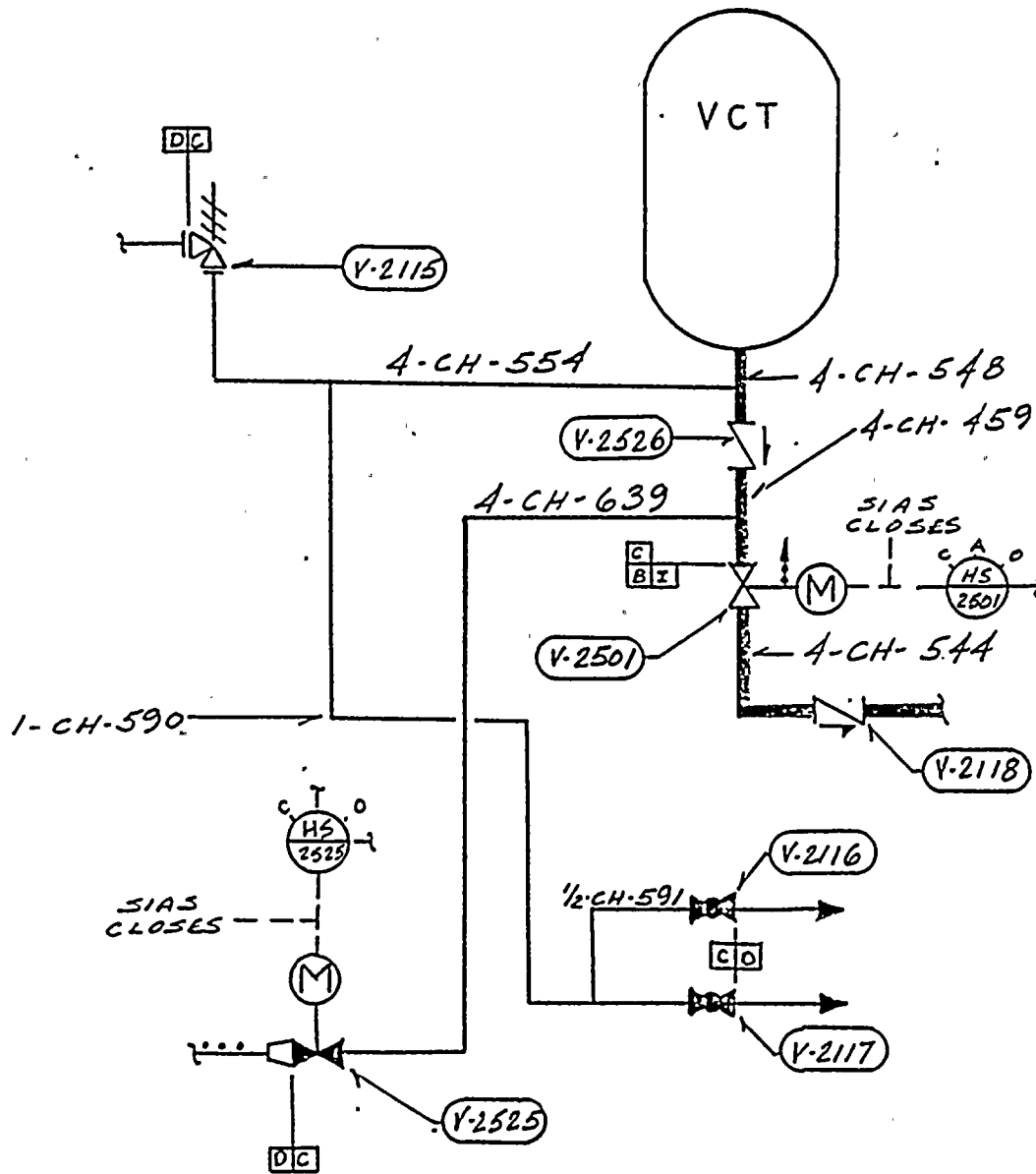


FIGURE 2

BACKFIT ITEM SL-2-BF-093  
PIPING CONFIGURATION