



Pennsylvania Power & Light Company

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Dr. Thomas E. Murley  
Regional Administrator, Region I  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

December 30, 1983

SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2  
FINAL REPORT OF A DEFICIENCY INVOLVING  
ISOLATION OF THE NITROGEN MAKEUP SYSTEM  
ER 100508 FILE 821-20  
PLA-1990

Reference: PLA-1902 dated October 10, 1983

Dear Dr. Murley:

The referenced PLA-1902 transmitted an interim report of a deficiency involving the Unit 2 Nitrogen Makeup System. The interim report detailed the cause, extent and safety implications of the deficiency. By detailing the corrective action plan, this letter in conjunction with the interim report serves to provide the final report on the deficiency in accordance with the provisions of 10CFR50.55(e).

The permanent modification will consist of rerouting the drywell and wetwell nitrogen makeup lines to spare penetrations and install divisionalized isolation valves. (See attachments.) The new isolation valves will be identical to the existing SV-25767 and SV-25737. The inboard valves will be Division I power and logic and the outboard will be Division II. Each valve will have a separate handswitch located in the control room. The isolation signals will be identical to the existing system.

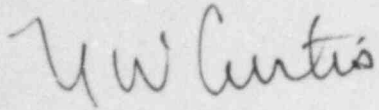
The permanent modification discussed above will be installed prior to initial criticality via DCP-83-745. It should be noted that PMR 83-536 which was referenced in the interim report has been superseded by PMR 83-745.

This condition was reported to the Commission for Unit 1 as Licensee Event Report No. 83-115 in PLA-1842 dated September 13, 1983.

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We trust the Commission will find this report to be satisfactory.

A handwritten signature in cursive script, appearing to read "N. W. Curtis".

N. W. Curtis

js/ltl42a:sd

Attachments

SSES                      PLA-1990  
ER 100508              File 821-10  
Dr. Thomas E. Murley

Copy to:  
Mr. Richard C. DeYoung (15)  
Director-Office of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. G. McDonald, Director  
Office of Management Information & Program Control  
U.S. Nuclear Regulatory Commission  
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Shickshinny, PA 18655

Records Center  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
Atlanta, GA 30339

SSES

PLA-1990

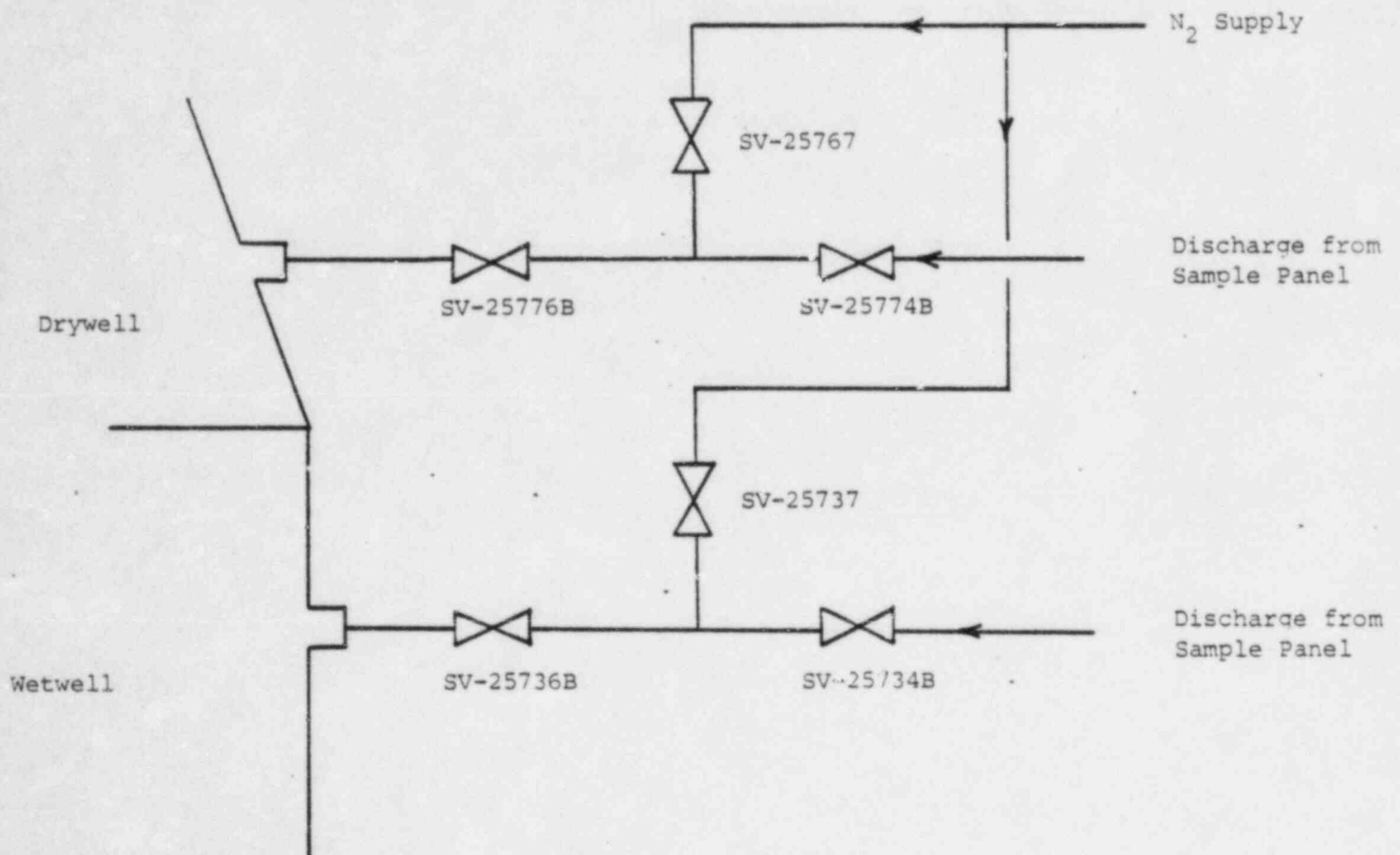
ER 100508

File 821-20

Dr. Thomas E. Murley

ATTACHMENT I

Present Unit 2 N<sub>2</sub> Makeup System



SSES PLA-1990  
ER 100508 File 821-20  
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ATTACHMENT II

Modified Unit 2 N<sub>2</sub> Makeup System

