



Pennsylvania Power & Light Company

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APR 23 1982

Mr. R. Haynes
Regional Administrator
U.S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION
IE BULLETIN 80-10
ER 100450 FILE 842-3
PLA-1059

DOCKET NOS. 50-387
AND 50-388

Dear Mr. Haynes:

The following information completes our response to IE Bulletin 80-10, "Contamination of Nonradioactive System and Resulting Potential for Unmonitored, Uncontrolled Release of Radioactivity to Environment." This letter supplements our previous response in PLA-657 dated March 20, 1981.

Investigation of these concerns has been coordinated with related concerns in the following circulars:

IE Circular 77-14, "Separation of Contaminated Water Systems from Noncontaminated Plant Systems"

IE Circular 79-21, "Prevention of Unplanned Releases of Radioactivity"

IE Circular 80-14, "Radioactive Contamination of Plant Demineralized Water System and Resultant Internal Contamination of Personnel"

A review of Susquehanna's design and operation has identified a number of potential problem areas.

1. RHR System instrument air interconnection.
2. Auxiliary Boiler System interconnections.
3. Reactor Water Clean-up System instrument air connection.
4. Turbine Building Closed Cooling Water System.
5. Condensate and Refueling Water Storage System.
6. Demineralized Water System.

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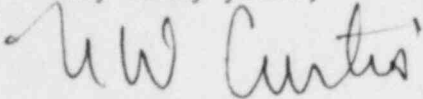
Page 2

SSES PLA-1059
ER 100450 File 842-3
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To address these concerns PP&L is preparing a sample and analysis program for the Turbine Building Closed Cooling Water System and the Auxiliary Boiler Steam and Makeup. Other administrative controls are being prepared to control valve operation of the appropriate systems and for the review of temporary hose connections at time of usage. In addition, warning signs ("Not for Human Consumption") are being installed at outlets of the Demineralized Water Systems.

This completes our response to IE Bulletin 80-10.

Very truly yours,



N. W. Curtis
Vice President-Engineering & Construction-Nuclear

RJP/mks

cc: Director
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