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 CURTIS, N.W. Pennsylvania Power & Light Co.  
 RECIPIENT NAME RECIPIENT AFFILIATION  
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Forwards application for Amend 3 to License NPF-14 to bring standby gas treatment sys test flow rate values back within assumptions used in LOCA offsite dose analysis to assure safe operation.

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SEP 01 1982

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
PROPOSED AMENDMENT 3 TO LICENSE NO. NPF-14  
ER 100450 FILE 841-8  
PLA- 1194

Docket No. 50-387

Dear Mr. Schwencer:

The purpose of this letter is to propose changes to the Susquehanna SES Unit 1 Technical Specifications due to incorrect information supplied to the NRC by Pennsylvania Power & Light Company (PP&L).

PP&L has determined that values provided for surveillance purposes in Specification 4.6.5.1 were incorrectly based on preliminary rather than final calculations. The corrections resulting from this finding are described below.

These proposed changes assure the safe operation of SSES by bringing the values back within the assumptions used in the LOCA offsite dose analysis.

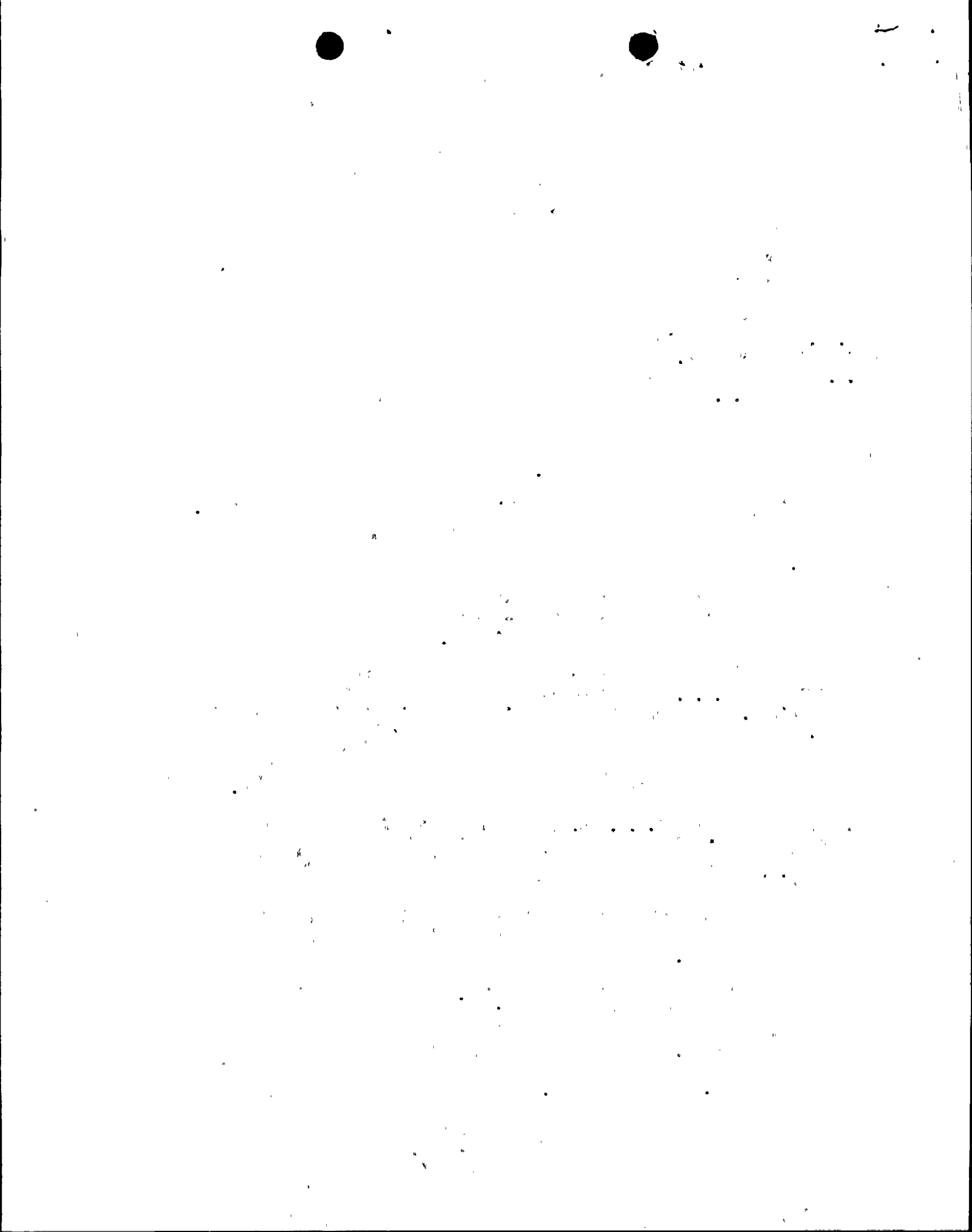
1. In Specification 4.6.5.1.c.2, change the test flow rate from "3050 cfm +10%" to read "less than or equal to 2885 cfm"

### Justification and Analysis

As a method of determining the integrity of secondary containment, the flow rate from the reactor building through SGTS is measured while maintaining a stable vacuum. That measured flow rate may be equated to the inleakage being experienced by the secondary containment, thus determining the rate of air change in the building. Since the offsite dose analysis assumes a 100% air change per day in secondary containment, any measured flow rate representing a smaller air change rate falls within the bounds of the analysis. The flow rate of 2285 cfm corresponds to the free air volume of Unit 1 secondary containment (Zone I & Zone III), divided by 1440 min/day.

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Mr. A. Schwencer

2. In Specification 4.6.5.1.c.2, change "for both Units 1 and 2" to read "from Zone I and Zone III"

Justification and Analysis

This change is requested for clarification. Unit 1 Technical Specifications provide for secondary containment testing of Unit 1, which is comprised of Zones I and III. The current wording implies testing of both Unit 1 and Unit 2 reactor buildings, which would also encompass Zone II. Testing of Zone II with Zone III will be covered by the Unit 2 Technical Specifications.

3. In footnote \*\*, change "2300 cfm" to read "2000 cfm"

Justification and Analysis

While the interim barrier is installed in Zone III, the secondary containment free air volume is reduced to  $2.8868 \times 10^6$  ft.<sup>3</sup>. One complete change of this volume would be accomplished at a flow rate of 2005 cfm, which is truncated to 2000 for the acceptance criteria.

4. In footnote \*\*, change "while Unit 2 secondary containment is isolated from Unit 1 secondary containment" to read "while the secondary containment interim barrier is installed in Zone III."

Justification and Analysis

As currently written, the footnote implies that Unit 1 and Unit 2 secondary containments are temporarily isolated, and that upon removal of the interim barrier will become one volume. The requested change clarifies that the interim barrier affects Zone III, which is the only volume common to the secondary containments of Unit 1 and 2.

Very truly yours,



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

RRS/mks

Attachment

cc: R. L. Perch - NRC

