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Pennsylvania Power & Light Company

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Robert G. Byram
Senior Vice President-Nuclear
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JAN 18 1994

Mr. Jacques P. Durr, Chief
Engineering Branch
Division of Reactor Safety
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

**SUSQUEHANNA STEAM ELECTRIC STATION
STATUS OF SUCTION STRAINER ACTIVITIES
PLA-4074**

FILE R41-2

Docket Nos. 50-387
and 50-388

Reference: Letter, J.P. Durr to R.G. Byram, "NRC Region I Combined Inspection Report Nos. 50-387/93-08 and 50-388/93-08," dated November 26, 1993.

Dear Mr. Durr:

The reference letter transmitted the NRC Inspection Report regarding "engineering and technical support organizations, the installation and testing of plant modifications, and the motor-operated valve program for both (Susquehanna) units." The purpose of this letter is to clarify the update the status of activities regarding ECCS Suction Strainers as described in Section 2.0 of the Report.

This update addresses two statements at the end of Section 2.0, page 6. Both are an accurate depiction of the status at the time of the inspection, and have since changed. The first is the statement that "all the fibrous insulation would be replaced in the containments (sic) buildings at both Units 1 & 2." Since the time of the inspection, the scope of fibrous insulation removed was revised based on calculations indicating which insulation was subject to the jet zone of influence as described in Regulatory Guide 1.82. Therefore, although not all of the fibrous insulation will be replaced, those targets which could potentially impact the ECCS strainers under LOCA conditions are being replaced. This work has been completed on Unit 1 during the Unit 1 7th R&IO, and will be performed on Unit 2 during the upcoming Unit 2 6th R&IO.

Secondly, the Inspection Report states that "The licensee is also in the process of issuing a procedure to backflush potentially blocked ECCS strainers with nitrogen from a 2400 psig source during an accident. The procedure is to be issued when the fittings needed to connect the nitrogen bottles are received on site." Although such a procedure has been drafted, it has not yet

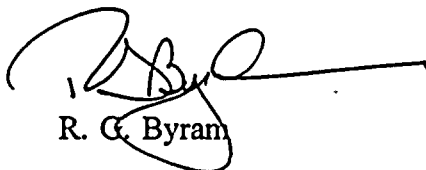
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been issued. This is because backflushing was subsequently decided to be included in the scope of testing which PP&L has performed during the last quarter of 1993 to better understand the debris generation, transport, and head loss issues associated with the strainer concerns. The results of this testing are currently being utilized to determine both the need for and the effectiveness of implementing backflushing capability. We currently believe its usefulness would be short-lived and possibly without significant benefit since, as previously mentioned, we plan to complete replacement of all potential fibrous insulation targets during the Unit 2 6th R&IO, which is currently scheduled to begin in March of this year.

If you have any questions on this matter, please contact us.

Very truly yours,



R. G. Byram

cc: NRC Document Control Desk (original)
Mr. G. S. Barber, NRC Sr. Resident Inspector - SSES
Mr. P. D. Drysdale, NRC Sr. Reactor Engineer - Region I
Mr. R. J. Clark, NRC Sr. Project Manager - Rockville

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 AUTH. NAME AUTHOR AFFILIATION
 BYRAM, R.G. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DURR, J.P. Region 1 (Post 820201)

SUBJECT: Submits update on status of ECCS suction strainer activities, in ref to Insp Repts 50-387/93-08 & 50-388/93-08.

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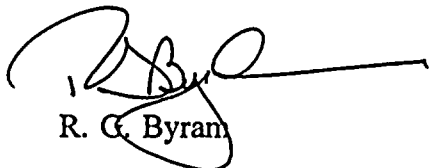
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