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 BYRAM, R.G. Pennsylvania Power & Light Co.
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SUBJECT: Forwards documents requested re proposed battery load profile TS change.

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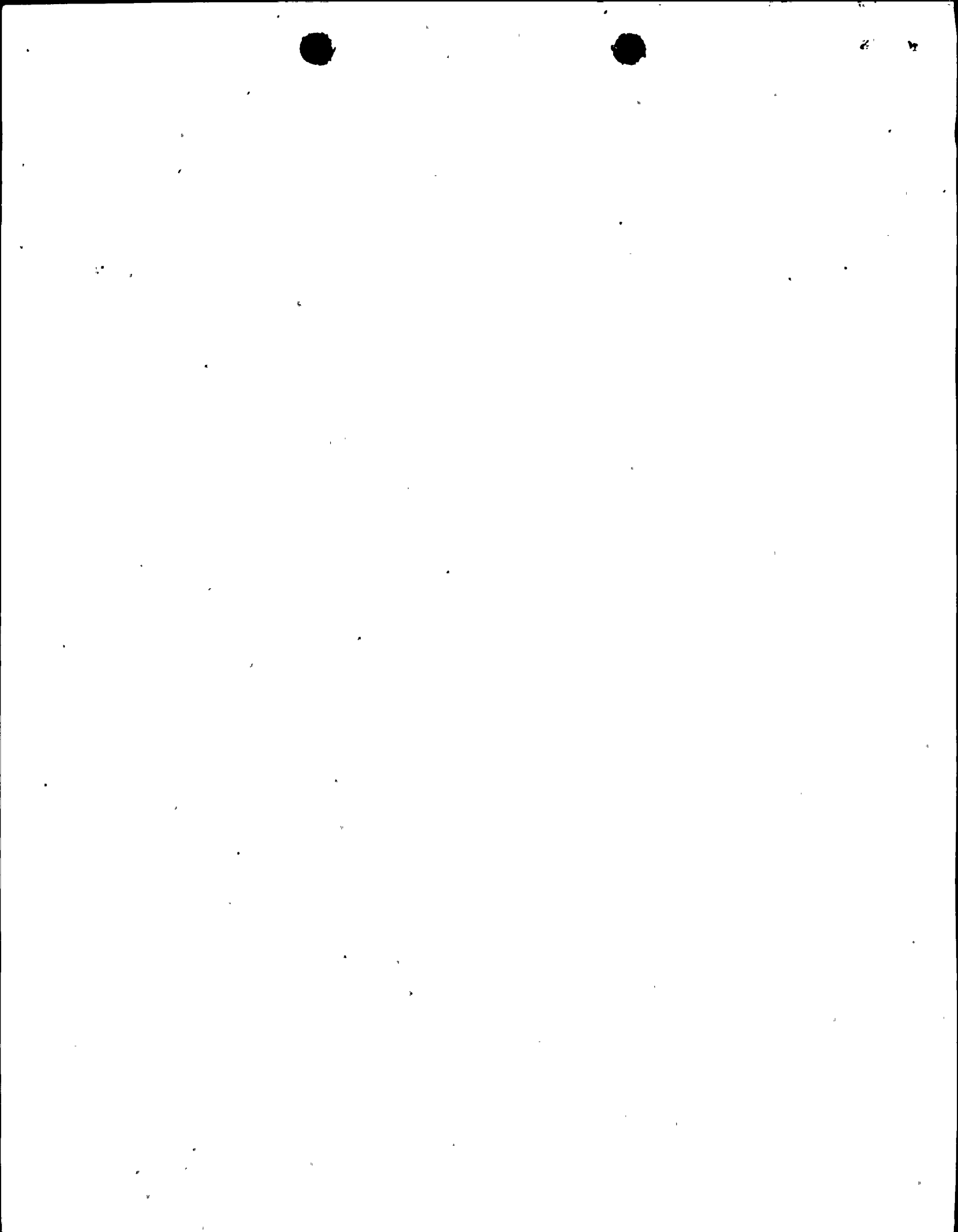
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OCT 25 1995

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
DOCUMENTS REQUESTED WITH RESPECT TO
THE PROPOSED BATTERY LOAD PROFILE
TECHNICAL SPECIFICATION CHANGE: PROPOSED
AMENDMENTS NOS. 188 (U1) AND 144 (U2)
PLA-4375 FILE R41-2

Docket Nos. 50-387
and 50-388

Reference: Letter (PLA-4339) dated July 28, 1995, "Proposed Amendments 188 and 144 to License Nos. NPF-14 and NPF-22: Changes to the Technical Specifications to Revise the 250 VDC Battery Load Profiles," from R. G. Byram (PP&L) to NRC Document Control Desk

In a recent telephone conversation, the NRC Staff requested Pennsylvania Power & Light Company provide the following additional documentation to support the Technical Specification change on the 250 VDC battery load profiles.

1. Provide a copy of Engineering Deficiency Report 93-100.
2. Provide a detailed cell sizing calculation and the battery duty cycle diagram. Also provide a cell sizing work sheet similar to Figure A.4 used in ANSI/IEEE 485-1983.
3. Provide a hypothetical composite rating curve from which the Kt and Rt factors are obtained, the discharge characteristic curves (the "FAN" curve and the "S" curve) for the type LCR-25 cells manufactured by C&D Company.

The following attached documents contain the above requested information:

1. Engineering Deficiency Report 93-100
2. Engineering Calculation No. EC-088-1005, Revision 0, 'Battery 1D650 Load Profile'

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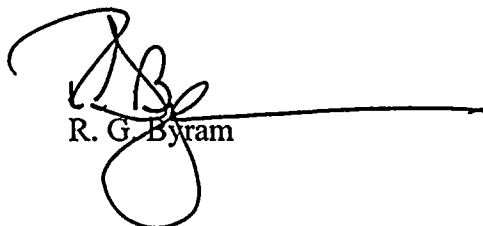
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3. Engineering Calculation No. EC-088-1006, Revision 0, 'Battery 1D660 Load Profile'
4. Engineering Calculation No. EC-088-1007, Revision 0, 'Battery 2D650 Load Profile'
5. Engineering Calculation No. EC-088-1008, Revision 0, 'Battery 2D660 Load Profile'
6. Engineering Calculation No. EC-088-0506, Revision 1, 'Class 1E 250 V Batteries -- Battery Sizing and Battery Charger Sizing'
7. Drawing No. FF61774, Sheet 3, Revision 0, 'Discharge Characteristics Curves for Battery Types LCR-13 thru 33'

If you have any additional questions, please contact Mr. C. T. Coddington at (610) 774-7531.

Very truly yours,



R. G. Byram

Attachments

cc: NRC Region I

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Mr. C. Poslusny,

NRC Sr. Resident Inspector

NRC Sr. Project Manager

