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 RECIP. NAME RECIPIENT AFFILIATION
 YOUNGBLOOD, B. J. Licensing Branch 1

SUBJECT: Responds to NRC concern re util degraded grid voltage protection described in revised response to FSAR Question 40.6. Equipment damage will not occur for degraded voltages between 65% & 75% for duration of 10-s.

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MAY 26 1981



Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
SER OUTSTANDING ISSUE NO. 49
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Dear Mr. Youngblood:

This letter responds to the NRC concern on Susquehanna's degraded grid voltage protection described in our revised response to FSAR question 40.6. The revised 40.6 response was submitted to close SER open item #49. The NRC concern, as PP&L understands it, relates to the damaging effects on class 1E equipment from degraded voltages between 65% and 75% existing for the 10 second time delay setting of the voltage protection relays. PP&L has reviewed Susquehanna's class 1E equipment and has determined that equipment damage will not occur for degraded voltages between 65% and 75% for a duration of 10 seconds.

Very truly yours,

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

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

WEB/mks

cc: R. M. Stark - USNRC

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