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## TEXT (If more space is required, use additional NRC Form 366A s) (17)

Due to preventive maintenance activities being performed on the Reactor Protection System (RPS) Motor-Generator (M-G) set 'A' (Ref. LER 84-036), the RPS bus 'A' was aligned to its alternate power supply. On August 3, 1984, at 0635 and 0639, with the Unit at 100% power, the alternate power supply Electrical Protection Assembly (EPA) breakers tripped on undervoltage. This caused the unanticipated actuation of three (3) Engineered Safety Features: the Standby Gas Treatment System, the Control Room Emergency Outside Air Supply System, and a Reactor Water Cleanup valve which is part of the Primary Containment Isolation System. It is postulated that a large motor starting in the plant caused a voltage dip which was sensed by and tripped the EPA breakers. To prevent future spurious trips of the alternate power supply EPA breakers, plans have been made to install voltage regulating/conditioning transformers.



## Pennsylvania Power & Light Company

August 30, 1984

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

U.S. Nuclear Regulatory Commission Document Control Desk Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION LICENSEE EVENT REPORT 84-037-00 ER 100450 FILE 841-23 PLA-2294

Docket No. 50-387 License No. NPF-14

Attached is Licensee Event Report 84-037-00. This event was determined reportable per 10CFR50.73(a)(2)(iv), in that due to a trip of the Reactor Protection System Electrical Protection Assembly breakers, the unit experienced two unanticipated actuations of the Standby Gas Treatment System and Control Room Emergency Outside Air Supply System, which are Engineered Safety Features.

Cera

H.W. Keiser Superintendent of Plant-Susquehanna

LAK/pjg

cc: Dr. Thomas E. Murley
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Mr. R.H. Jacobs Senior Resident Inspector U.S. Nuclear Regulatory Commission P.O. Box 52 Shickshinny, PA 18655

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