

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

PHONE: (717) 542-2181

ATTACHMENT

LER # 83-092/03L-0

Pennsylvania Power & Light Company
Susquehanna Steam Electric Station
Docket Number: 50-387

The replacement transformer has been installed as an interim action. A transformer with automatic tap changer will be reinstalled. The details of this analysis and associated procedural controls are delineated in PP&L correspondence to the NRC (PLA-1735 on 6/30/83).

At the time of the transformer (T-10) failure, the "C" Diesel Generator was under going surveillance testing and was supplying power to safeguards buses 1A and 1C in parallel with ESS Transformer 101. After the failure of T-10, the transfer of electrical loads to T-20 (second off-site source) was delayed due to diesel operation. This resulted in a lock-up of the feedwater controller and a recirculation pump runback. This combination of feed flow/steam flow mismatch and level swell due to the runback caused the level 8 trip. In the future Reactor Vessel Level Instrumentation Channel B, which is powered by the plant DC voltage system, will be used as the preferred channel for feedwater control.



Pennsylvania Power & Light Company

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

July 22, 1983

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

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 83-092/03L-0
ER 100450 FILE 841-23
PLA-1756

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

Dear Dr. Murley:

Attached please find a copy of Licensee Event Report No. 83-092/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that one of the two off-site power sources was lost due to transformer winding failure. A substitute transformer has been installed and the failed transformer has been shipped off site for inspection and rework.

H.W. Keiser
Superintendent of Plant-Susquehanna

APP/pjg

attachment

cc: G.G. Rhoads
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