

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8912070309      DOC. DATE: 89/12/01      NOTARIZED: NO      DOCKET #  
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 AUTH. NAME      AUTHOR AFFILIATION  
 KEISER, H.W.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 BUTLER, W.R.      Project Directorate I-2

SUBJECT: Forwards Rev 1 to JNPE-150, "Isolation Capabilities of BOP Isolators."

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**Pennsylvania Power & Light Company**

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Director of Nuclear Reactor Regulation  
Attn: Dr. W. R. Butler, Project Director  
Project Directorate I-2  
Division of Reactor Projects  
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Washington DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
CLASS 1E/NON 1E ISOLATION - ISOLATION  
CAPABILITIES OF BOP ISOLATORS  
PLA-3298                      FILES R41-2, A28-3B

DOCKET NOS. 50-387  
and 50-388

Dear Dr. Butler:

Attached is a copy of Pennsylvania Power & Light Company's report, "Isolation Capabilities of BOP Isolators."

This evaluation shows that additional testing is necessary for the following isolators:

- o Bailey Controls Company Model 740 Millivolt Converter
- o TEC Model 156
- o Validyne Model CM249

It should be noted that the additional testing of the Validyne Model CM249 is to confirm the analysis that they will mitigate the consequences of the identified faults.

The evaluation also shows that the tests conducted on the Simmonds Precision IMUX verified that any of the fault conditions identified would not result in a degradation of the Class 1E below an acceptable level.

Very truly yours,

H. W. Keiser

Attachment(s)

cc: NRC Document Control Desk (original)  
NRC Region I  
Mr. G. S. Barber, NRC Sr. Resident Inspector  
Mr. M. C. Thadani, NRC Project Manager

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