

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: ~~50-387~~ Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHGR AFFILIATION
 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECIPIENT AFFILIATION
 YOUNGBLOOD, B.J. Operating Reactors Branch 1

SUBJECT: Forwards revised responses to Questions 032.7 & 032.24 of FSAR.

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March 25, 1981

Mr. B.J. Youngblood,
Licensing Branch 1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Susquehanna Steam Electric Station Docket Nos. 50-387 and 50-388
Revised Responses to Questions 032.7 and 032.24
ER100450 File 841-2
PLA-689

Dear Mr. Youngblood:

Attached are the revised responses to questions 032.7 and 032.24.

Very truly yours,

N. W. Curtis

N.W. Curtis
Vice president-Engineering and construction-Nuclear

cc: R.M. Stark

bcc: N.W. Curtis
W.E. Barberich
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Boo/
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PENNSYLVANIA POWER & LIGHT COMPANY

A 8108310566

SSES-FSAR

QUESTION 032.7

Section 7.1.2a.1.4.6.3 of the FSAR states that as a power generation design bases for the Rod Block Monitor, it will prevent local fuel damage that may result from a single rod withdrawal error. Provide the justification for classifying this as a power generation design bases and not a safety design bases.

RESPONSE:

A GE/NRC generic meeting was held on January 26, 1981 to discuss the Reactor Manual Control System and to specifically address the appropriateness of utilizing the RBM in transient mitigation.

The new electronic RMCS being utilized at SSES was described in detail with an emphasis upon reliability, redundancy and self-testing features.

The NRC, in the January 26 meeting, indicated approval of the design and use of RBM system in transient analysis.

QUESTION 032.24:

The accident analysis presented in Chapter 15 is based, in part, on the assumption that the Rod Block Monitor (RBM) acts to mitigate the consequences of a continuous control rod withdrawal. The staff's position is that the RBM is a protection system and must be designed, fabricated, installed, tested and subjected to all of the design criteria which are applicable to a reactor trip system. Revise the FSAR to reflect the importance of the RBM in accordance with the requirements of Section 7.2 of the "Standard Format", Regulatory Guide 1.70. Identify and justify any exceptions.

RESPONSE:

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