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 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania  
 AUTH. NAME: CURTIS, N.W. AUTHORITY AFFILIATION: Pennsylvania Power & Light Co.  
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

DOCKET #  
 05000387  
05000388

SUBJECT: Discusses diesel generator surveillance requirements resulting from 820708 meeting. As-built installation of diesel generator starting, sys meets design bases delineated in FSAR Section 9.5.6.1 & conforms w/SRP requirements.

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Norman W. Curtis  
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July 9, 1982

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
DIESEL GENERATOR SURVEILLANCE REQUIREMENTS  
ER 100450 FILE 841-2  
PLA-1177

Docket Nos: 50-387  
50-388

Dear Mr. Schwencer:

On July 8, 1982 members of the Nuclear Regulatory Commission staff and Susquehanna Steam Electric Station project met to discuss Technical Specifications section 4.8.1.1.2.d.12 which describes one requirement for 18 month diesel surveillance.

The as-built installation of the diesel generator starting system meets the design bases delineated in FSAR section 9.5.6.1 and conforms with the Standard Review Plan requirements.

The diesel air start system has 2 compressors, 2 receivers and inter-connecting piping to assure starting reliability. The air start systems are sized for 5 start capability with the compressors secured. Testing to prove this capability has been performed. The results prove the air start systems have sufficient volume to start the engines 5 times. Pennsylvania Power & Light Company requests a revision to the Susquehanna Unit 1 Technical Specifications. We propose section 4.8.1.1.2.d.12 read as follows:

"Verifying that with all diesel generator air start receivers pressurized to less than or equal to 240 PSIG and the compressors secured, the diesel generator starts at least 5 times from ambient conditions and accelerates to at least 600 PRM in less than or equal to 10 seconds for the initial start and less than or equal to 25 seconds for each subsequent start."

13601

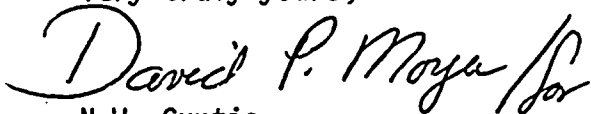
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Only one diesel loading sequence interval, initiated from either LOCA or LOOP auto-start signals, is considered in the safety analysis. Therefore, the 10 second testing requirement for subsequent starts does not provide any verification of additional safety margin for Susquehanna Steam Electric Station.

Very truly yours,

A handwritten signature in cursive script that reads "David P. Moya". The signature is written in dark ink and is positioned above the typed name and title.

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

HWK/POM/RRS

cc: R.L. Perch NRC  
M. Srinivasan NRC  
D. Brinkman NRC