

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8911020082      DOC. DATE: 89/10/20      NOTARIZED: NO      DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv      05000387  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv      05000388  
 AUTH. NAME      AUTHOR AFFILIATION  
 STOLBA, F.B.      Cooper Bessemer Corp.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 MURLEY, T.E.      Office of Nuclear Reactor Regulation, Director (Post 870411)

SUBJECT: Corrected Part 21 rept re crankcase explosion caused by piston tending to sieze.

DISTRIBUTION CODE: IE19D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 2  
 TITLE: Part 21 Rept (50 DKT)

NOTES: LPDR 1 cy Transcripts.      05000387  
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COOPER-BESSEMER RECIPROCATING

F. Bruce Stolba  
Vice President and General Manager

October 20, 1989

Our Ref: QCG-6426

Dr. Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: KSV Standby Diesel/Generator  
Pennsylvania Power and Light  
Unit "B", Crankcase Explosion

On September 28, 1989 we sent you a letter reference QCG-6363 to which was attached a report, ref. QCG-6360, covering a crankcase explosion which occurred on September 16, 1989 in the subject unit. We omitted to advise that the letter ref. QCG-6363 was sent to you in compliance with reporting requirements of 10 CFR Part 21. We regret this omission and are correcting it by advising you that the report ref. QCG-6363 is indeed our formal report.

The phenomena of crankcase explosions caused by a piston tending to seize is not unknown to the engine building industry. Experience indicates that the circumstances reported are unique to the Unit "B" diesel at P. P. and L. (SSES). In order to further understand the mechanism of this particular failure, P. P. and L. has undertaken to carry out an extensive metallurgical examination of the failed components, a task which will take several weeks to complete.

Sincerely,

F. Bruce Stolba

FBS/gs

Attachment

8911020082 891020  
PDR ADDCK 05000388  
S PNU

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QCG-6426  
October 20, 1989

cc: A. E. Bice - GC  
F. Czysz - P.P.& L.  
W. Haass - NRC  
W. H. A. Lambert  
File: K5fa16



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