

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9405180004 DOC.DATE: 94/05/13 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
 FIELDS, J.S. Pennsylvania Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 DILAZARO, T.A. Pennsylvania, Commonwealth of

SUBJECT: Provides info on EDG as required by Reasonably Available Company Technology regulations, 25 PA Code Chapters 121 & 129.

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Pennsylvania Power & Light Company

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May 13, 1994

Mr. T. A. DiLazaro
Program Manager
Air Quality Program
Northeast Regional Office
Cross Valley Centre
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Plains, PA 18705-1099

SUSQUEHANNA STEAM ELECTRIC STATION
REASONABLY AVAILABLE CONTROL
TECHNOLOGY REQUIREMENTS
AIR QUALITY PERMIT NOS. 40-306-004 AND 40-306-005
CCN 741326 FILE R9-8D
PLE- 17791

Dear Mr. DiLazaro:

Pennsylvania Power & Light Company (PP&L) is providing information on emergency diesel generators as required by the Reasonably Available Control Technology (RACT) regulations, 25 PA Code Chapters 121 and 129. A Major NO_x source defined by RACT (25 Pa. Code Chapter 121.1) is one producing over 100 tons of NO_x per year. The diesels at the Susquehanna SES should not be regulated under RACT since 1) all five diesels in total emit less than 100 tons of NO_x per year and 2) because they do not have the potential to emit greater than 100 tons per year. Also, each diesel operates less than the RACT requirement of 500 hours per 12-month period.

These emergency diesel generators are operated only for testing and loss of offsite power emergencies. Station, U.S. Nuclear Regulatory Commission technical specifications do not allow operation for other purposes. Average annual diesel generator run times since 1990 are as follows:

<u>NO. OF DIESELS</u>	<u>HORSEPOWER</u>	<u>ANNUAL RUN TIME</u>
1	6948	127 hours
4	5580	92 hours*

*each

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May 13, 1994

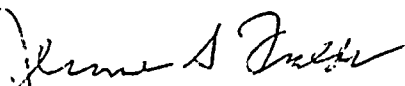
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Therefore, we believe that the RACT requirements do not apply to these five emergency diesels. It should be noted that the average annual operation of all five diesels was also less than 500 hours. Therefore, these diesels already meet alternative presumptive requirements of 25 Pa. Code 129.93(c)(5) and should not be considered RACT Major NO_x emitting facilities.

Questions, please call me at (215) 774-7889.

Sincerely,



Jerome S. Fields
Sr. Environmental Scientist-Nuclear

Enclosures

Copy to:

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Mr. S. Karpiak, PaDER

~~NRC Document Control Desk~~

NRC Region I

Mr. C. Poslusny, NRC Project Manager

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