

AUG 11 1982

Docket Nos. 50-352/353

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bcc: NRC PDR
Local PDR
NSIC
PRC

Mr. Edward G. Bauer, Jr.
Vice President & General Counsel
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Dear Mr. Bauer:

Subject: Request for Additional Information - Limerick (Point Pleasant-Noise)

The Environmental Engineering Branch has indicated a need for the information delineated in Enclosure 1 concerning noise associated with the operation and construction of the Point Pleasant pumphouse and related structures. We would like to discuss your responses to these items at the August 18, 1982 meeting held in connection with our environmental site visit. Note that the material contained in Enclosure 1 is the same as that telecopied to you on August 9, 1982.

Any questions concerning this information request should be directed to Dr. Harvey Abelson, (301) 492-9774, the Licensing Project Manager.

Sincerely,

A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
As stated

cc: see next page

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PDR ADOCK 05000352
A PDR

OFFICE	DL:LB#2/PM	DL:LE/BC				
SURNAME	HAbelson:bm	ASchwencer				
DATE	8/11/82	8/11/82				

Limerick

Mr. Edward G. Bauer, Jr.
Vice President & General Counsel
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

cc: Troy B. Conner, Jr., Esquire
Conner and Wetterhahn
1747 Pennsylvania Avenue, N. W.
Washington, D. C. 20006

Mr. Robert W. Adler
Assistant Counsel
Commonwealth of Pennsylvania, DER
505 Executive House
P. O. Box 2357
Harrisburg, Pennsylvania 17120

Honorable Lawrence Coughlin
House of Representatives
Congress of the United States
Washington, D. C. 20515

Roger B. Reynolds, Jr., Esquire
324 Swede Street
Norristown, Pennsylvania 19401

Lawrence Sager, Esquire
Sager & Sager Associates
45 High Street
Pottstown, Pennsylvania 19464

Joseph A. Smyth
Assistant County Solicitor
County of Montgomery
Courthouse
Norristown, Pennsylvania 19404

Eugene J. Bradley
Philadelphia Electric Company
Associate General Counsel
2301 Market Street
Philadelphia, Pennsylvania 19101

Mr. Vincent Boyer
Senior Vice President
Nuclear Operations
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Mr. Marvin I. Lewis
6504 Bradford Terrace
Philadelphia, PA 19149

Frank R. Romano, Chairman
Air & Water Pollution Patrol
61 Forest Avenue
Ambler, PA 19002

Charles W. Elliott, Esquire
Thomas & Hair
123 North Fifth Street
Allentown, PA 18102

Judith A. Dorsey, Esquire
Limerick Ecology Action
1315 Walnut Street, Suite 1632
Philadelphia, PA 19107

Mr. Karl Abraham
Public Affairs Officer
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19806

Mr. Jacque Durr
Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 47
Sanatoga, PA 19464

James M. Neill, Esquire
Associate Counsel for Del-Aware
Box 511
Dublin, PA 18917

Joseph H. White III
11 South Merion Avenue
Byrn Mawr, PA 16801

Thomas Gerusky, Director
Bureau of Radiation Protection
Dept. of Environmental Resources
5th Floor, Fulton Bank Bldg.
Third & Locust Streets
Harrisburg, PA 17120

Director, Pennsylvania Emergency
Management Agency
Basement, Transportation &
Safety Building
Harrisburg, PA 17120

John Shniper
Meeting House Law Bldg. & Gallery
Mennonite Church Road
Schuylkill Road (Rt. 724)
Spring City, PA 19475

Robert L. Anthony
Friends of the Earth of the
Delaware Valley
103 Vernon Lane, Box 186
Moylan, PA 19065

W. Wilson Goode
Managing Director
City of Philadelphia
Philadelphia, PA 19107

William A. Lochstet
119 E. Aaron Drive
State College, PA 16801

Walter W. Cohen
Consumer Advocate
Office of Attorney General
1425 Strawberry Square
Harrisburg, PA 17120

Steven P. Hershey, Esquire
Consumers' Education & Protective
Association
Sylvania House
Juniper & Locust Streets
Philadelphia, PA 19107

Alan J. Noguee
The Keystone Alliance
3700 Chestnut Street
Philadelphia, PA 19104

Sugarman & Denworth
Suite 510
North American Building
121 South Broad Street
Philadelphia, PA 19107

Donald S. Bronstein, Esq.
The National Lawyers Guild
Third Floor
1425 Walnut Street
Philadelphia, PA 19102

Lawrence Brenner, Esq., Chairman*
Administrative Judge
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Richard F. Cole*
Administrative Judge
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Peter A. Morris*
Administrative Judge
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

NOISE QUESTIONS RELATED TO
POINT PLEASANT

- 290.17 What equipment is in operation during the intake back-flush operation?
- 290.18 Concerning the compressors at the pumphouse:
- (1) What are their number, type, HP, and RPM rating?
 - (2) How are these compressors driven (diesel, electric motor, turbines) and what are the specs on their drive engines (frame type, HP, RPM).
- Are the compressors located in an underground chamber vault?
- 290.19 For the pumphouse transformers:
- (a) what is the kVA rating
 - (b) breakdown insulation level (BIL)
 - (c) type of cooling system
 - (d) if there is a three-phase transformer system, is each phase in a separate tank?
- 290.20 For the pumphouse pumps, what are the number, type, number of stages (if multi-stage) and HP or RPM of the pumps? What are the noise specs on the vertical motors that drive the pumps?
- 290.21 Provide general arrangement and structural drawings along with locations of the mechanical service system (HVAC system) in the pumphouse.
- 290.22 What noise control features were used to minimize noise emanating from the pumphouse? What are the dimensions of the pumphouse (length, width, and height) and the material from which the walls, ceiling, and floor are built? Where are the windows located and what are their dimensions?
- 290.23 What noise sources are present from the quarry located about 1000 ft from the pumphouse?
- 290.24 Provide a copy of the ambient noise measurement study sponsored by the Applicant and done for the region near the pumphouse.
- 290.25 (A) Which noise sources are present during construction of:
- (a) the intake
 - (b) the pumphouse, and
 - (c) pipeline in the region of the pumphouse

(B) Please provide overall sound power level and octave band sound pressure levels for those sources, if known, from manufacturers specifications.

(C) Also state which sources are present during the different stages of construction.

290.26 Are any local or state standards governing the region about the pumphouse?

290.27 Provide the data as applicable above for the secondary pumping station located a few miles away, both in construction and operation phase.