



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

AUG 5 1980

Docket No. 50-320

Mr. Robert C. Arnold  
Senior Vice President  
Metropolitan Edison Company  
100 Interpace Parkway  
Parsippany, New Jersey 07054

Dear Mr. Arnold:

In our continuing review of on-going aquatic ecological and fisheries monitoring activities at TMI, we have reviewed the 1979 Annual Report of aquatic ecological studies at TMI and find we need additional information on results reported for the sport fishery creel survey and the fish egg and larvae program. Our specific information requirement is provided in the attachment.

Please provide this information by August 22, 1980. If you have any questions regarding the above, please contact Paul Leech (301) 492-7258.

Sincerely,

A handwritten signature in cursive script that reads "Richard A. Weller".

Bernard J. Snyder, Program Director  
Three Mile Island Program Office  
Office of Nuclear Reactor Regulation

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

8008120 242

P

THREE MILE ISLAND NUCLEAR STATION UNIT 2

DOCKET NO. 50-320

REQUEST FOR ADDITIONAL INFORMATION

- 1) Section 8.0 (Creel Surveys) of the 1979 Annual Report of Ecological Studies at TMI states that changes in the use of angler catches were noted following the March 1979 accident. Table 8.2-53 (p. 662) provides the raw data by month on the use of the catch for all four creel survey areas combined.

Provide the data (in tabular form similar to Table 8.2-53) for each of the four creel survey areas separately, so that differences in catch uses after the accident can be compared among survey sites.

- 2) Section 3.0 (Ichthyoplankton) of the 1979 Annual Report states that physical abnormalities were noted in several species of fish larvae captured from the Susquehanna River. Further it is stated that only protolarvae taken in May were affected and the deformed larvae comprised about 2% of the May catch.

Provide a more specific breakdown of the capture and incidence of deformed fish larvae to include:

- (a) the number and percent of deformed larval fishes by species at each sampling station location for each date of sampling during May 1979 (i.e., for each date of sampling during May, how many and what percentage of the larval carp, etc., at each sampling station were deformed);
- (b) the total percentage of each of the affected species found to be deformed during May (i.e., what percentage of the larval carp, spottail shiner, quillback, tessellated darter, and banded darter larvae were found to be deformed in May 1979?);
- (c) data presented in tabular form should be acceptable for a breakdown required in (a) and for a summary required in (b) above.

Also provide more detailed descriptions of the type of eye and head deformities seen (i.e., pugheadedness, underdeveloped jaw, etc.), as well as other types found (i.e., spinal curvature, fin anomalies, injuries, etc).

Mr. G. K. Hovey  
Director, Unit 2  
Metropolitan Edison Company  
P.O. Box 480  
Middletown, Pennsylvania 17057

Mr. J. J. Barton  
Manager, Site Operations, Unit 2  
Metropolitan Edison Company  
P.O. Box 480  
Middletown, Pennsylvania 17057

Mr. R. W. Heward  
Manager, Radiological Control, Unit 2  
Metropolitan Edison Company  
P.O. Box 480  
Middletown, Pennsylvania 17057

Mr. B. Elam  
Manager, Plant Engineering, Unit 2  
Metropolitan Edison Company  
P.O. Box 480  
Middletown, Pennsylvania 17057

Mr. R. F. Wilson  
Director, Technical Functions  
Metropolitan Edison Company  
P.O. Box 480  
Middletown, Pennsylvania 17057

Mr. L. W. Harding  
Supervisor of Licensing  
Metropolitan Edison Company  
P.O. Box 480  
Middletown, Pennsylvania 17057

Mr. E. G. Wallace  
Licensing Manager  
GPU Service Corporation  
100 Interpace Parkway  
Parsippany, New Jersey 07054

Mr. I. R. Finfrock, Jr.  
Jersey Central Power & Light Company  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07950

Mr. R. W. Conrad  
Pennsylvania Electric Company  
1007 Broad Street  
Johnstown, Pennsylvania 15907

J. B. Lieberman, Esquire  
Berlock, Israel, Lieberman  
26 Broadway  
New York, New York 10004

George F. Trowbridge, Esquire  
Shaw, Pittman, Potts & Trowbridge  
1800 M Street, N.W.  
Washington, D. C. 20036

Ms. Mary V. Southard, Chairperson  
Citizens for a Safe Environment  
P.O. Box 405  
Harrisburg, Pennsylvania 17108

Dr. Walter H. Jordan  
881 W. Outer Drive  
Oak Ridge, TN 37830

Dr. Linda W. Little  
5000 Hermitage Drive  
Raleigh, NC 27612

Karin W. Carter, Esquire  
505 Executive House  
P.O. Box 2357  
Harrisburg, Pennsylvania 17120

The Honorable Mark Cohen  
512 E-3 Main Capital Building  
Harrisburg, Pennsylvania 17120

Ellyn Weiss, Esquire  
Sheldon, Harmon & Weiss  
1725 I Street, N.W., Suite 506  
Washington, D. C. 20006

Mr. Steven C. Sholly  
304 S. Market Street  
Mechanicsburg, Pennsylvania 17055

Mr. Thomas Gerusky  
Bureau of Radiation Protection  
P.O. Box 2063  
Harrisburg, Pennsylvania 17120

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

Ms. Jane Lee  
R.D. 3, Box 3521  
Etters, Pennsylvania 17319

Walter W. Cohen, Consumer Advocate  
Department of Justice  
Strawberry Square, 14th Floor  
Harrisburg, Pennsylvania 17127

Robert L. Knupp, Esquire  
Assistant Solicitor  
Knupp and Andrews  
P.O. Box P  
407 N. Front Street  
Harrisburg, Pennsylvania 17108

John E. Minnich, Chairperson  
Dauphin Co. Board of Commissioners  
Dauphin County Courthouse  
Front and Market Streets  
Harrisburg, Pennsylvania 17101

Robert Q. Pollard  
Chesapeake Energy Alliance  
609 Montpelier Street  
Baltimore, Maryland 21218

Chauncey Kepford  
Judith H. Johnsrud  
Environmental Coalition on Nuclear Power  
433 Orlando Avenue  
State College, Pennsylvania 16801

Ms. Frieda Berryhill, Chairperson  
Coalition for Nuclear Power Plant  
Postponement  
2610 Grendon Drive  
Wilmington, Delaware 19808

Holly S. Keck  
Anti-Nuclear Group Representing York  
245 W. Philadelphia Street  
York, Pennsylvania 17404

John Levin, Esquire  
Pennsylvania Public Utilities Commission  
P.O. Box 3265  
Harrisburg, Pennsylvania 17120

Jordon D. Cunningham, Esquire  
Fox, Farr and Cunningham  
2320 N. Second Street  
Harrisburg, Pennsylvania 17110

Ms. Kathy McCaughin  
Three Mile Island Alert, Inc.  
23 South 21st Street  
Harrisburg, Pennsylvania 17104

Ms. Marjorie M. Aamodt  
R.D. #5  
Coatesville, Pennsylvania 19320

Ms. Karen Sheldon  
Sheldon, Harmon, Roisman & Weiss  
1725 I Street, N.W., Suite 506  
Washington, D. C. 20006

Earl B. Hoffman  
Dauphin County Commissioner  
Dauphin County Courthouse  
Front and Market Street  
Harrisburg, Pennsylvania 17101

Government Publications Section  
State Library of Pennsylvania  
Box 1601 Education Building  
Harrisburg, Pennsylvania 17127

Dr. Edward O. Swartz  
Board of Supervisors  
Londonderry Township  
RFD #1 Geyers Church Road  
Middletown, Pennsylvania 17057

U.S. Environmental Protection Agency  
Region III Office  
ATTN: EIS COORDINATOR  
Curtis Building (Sixth Floor)  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106

Dauphin County Office Emergency  
Preparedness  
Court House, Room 7  
Front and Market Streets  
Harrisburg, Pennsylvania 17101

Department of Environmental Resources  
ATTN: Director, Office of  
Radiological Health  
P.O. Box 2063  
Harrisburg, Pennsylvania 17105

Governor's Office of State  
Planning and Development  
ATTN: Coordinator, Pennsylvania  
Clearinghouse  
P.O. Box 1323  
**Harrisburg, Pennsylvania 17120**

Mrs. Rhoda D. Carr  
1402 Marene Drive  
Harrisburg, Pennsylvania 17109

Mr. Richard Roberts  
The Patriot  
812 Market Street  
Harrisburg, Pennsylvania 17105

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 420, 7735 Old Georgetown Road  
Bethesda, Maryland 20014

Mr. William A. Lochstet  
119 East Aaron Drive  
State College, Pennsylvania 16801

Ivan W. Smith, Esquire  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Atomic Safety and Licensing Appeal Panel  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Docketing and Service Section  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555