

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P. O. BOX 8699

PHILADELPHIA, PA 19101

(215) 841-4000

March 22, 1993

Mr. Mark Hersch
Environmental Technical Liaison
Commonwealth of Pennsylvania
Pennsylvania Fish Commission
Bureau of Property & Facilities Management
450 Robinson Lane
Bellefonte, PA 16823-9616

Re: Limerick Generating Station Spray Pond
Fish and Algae Control Permit Application

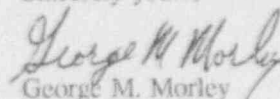
Dear Mr. Hersch:

Enclosed is a completed permit application to use Nusyn-Noxfish (Rotenone), EPA Registration No. 432550, in the Limerick Generating Station emergency spray pond to control fish population. We continue to routinely inspect the spray pond to verify that a fish population has not been re-established. In the event that a population becomes established, it is our desire to immediately implement an eradication in order to maintain the spray pond in proper working condition for emergency cooling. Please note that the information provided is consistent with the information from the previous permit (Permit No. SE46-10-92).

A copy of this letter (including any attachments or enclosures) is being provided to the U.S. Nuclear Regulatory Commission (USNRC) in accordance with the Limerick Generating Station, Units 1 and 2, Environmental Protection Plan, Section 3.2, which stipulates that USNRC shall receive a copy of any proposed changes to the NPDES permit at the same time that the permitting agency is notified.

If you have any questions or require additional information, please contact Robert M. Matty, Jr. at (215) 841-5177.

Sincerely yours,


George M. Morley
Manager
Environmental Affairs

cc: U.S. Nuclear Regulatory Commission, Document Control Desk
(Docket Nos. 50-352 and 50-353 & License Nos. NPF-39 and NPF-85)
T. T. Martin, Administrator, USNRC, Region 1
T. J. Kenny, USNRC Senior Resident Inspector, LGS

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COMMONWEALTH OF PENNSYLVANIA
FISH COMMISSION — DEPARTMENT OF ENVIRONMENTAL RESOURCES
ENVIRONMENTAL QUALITY BOARD

APPLICATION AND PERMIT FOR USE OF AN ALGICIDE, HERBICIDE OR
FISH CONTROL CHEMICAL IN WATERS OF THE COMMONWEALTH

Submit one copy of the completed application to the Pennsylvania Fish Commission, 450 Robinson Lane, Bellefonte, PA 16823 Telephone (814) 359-5100.

1. Name of applicant (owner) Philadelphia Electric Company Telephone No. (215) 841-4000
Address of applicant 2301 Market Street Philadelphia, PA 19101
2. Person or organization conducting treatment (if other than applicant) _____
RMC Environmental Services
3. Name of water body to be treated Limerick Generating Station Emergency Spray Pond
4. Location of water body: County Montgomery Township or other municipality
Limerick Nearest built-up area Pottstown
5. Type of water body: Pond _____ Lake _____ Impoundment X Canal _____
6. Uses of water body to be treated:
Water Supply: Municipal _____ Industrial _____ Livestock _____ Irrigation _____
Fire Protection _____ Other Emergency Water Supply for Electrical Generating Station
Water Contact Sports: Swimming No Skiing No
7. Does water contain fish? Yes X No _____ Warmwater species X Coldwater species (trout) No
8. Is water body open for public fishing? Yes _____ No X
9. Has water body ever been stocked with fish by a State Agency? No Federal Agency? No
10. Does water body have a discharge or overflow of water? Yes X No _____
If YES, indicate time of year discharge or overflow will occur Controlled by applicant to limit water level during rainfall
11. Name of receiving stream Schuylkill River
12. Total area of water body: Number of surface acres 9.9 acres
Treatment area: Number of surface acres 9.9 acres Average depth 10 feet
13. Indicate species of algae, plant(s) or fish to be controlled All warm water fish present
(Nusyn-Noxfish will only be added if fish are present)
14. Commercial name(s) of chemical(s) Nusyn-Noxfish, Sodium Hypochlorite
15. Manufacturer's name(s) Penick Bio Corp., Chloromone Corp.

* There will be no discharge from the spray pond while the fish control chemical remains active

16. Dosage of each chemical per treatment (specify in either pounds or gallons)

- (a) Nusyn-Noxfish 12.1 gallons per surface acre Sodium Hypochlorite 101 gallons per surface acre
- (b) 1.21 gallons per acre foot 10.1 gallons per acre foot

(c) Amount of each chemical to be applied in each treatment (pounds or gallons)

120 gallons Nusyn-Noxfish; 1000 gallons Sodium Hypochlorite for neutralization

(d) Number of treatments to be made this year 1

(e) Total amount of each chemical to be applied in all treatments (pounds or gallons)

120 gallons Nusyn-Noxfish, 1000 gallons Sodium Hypochlorite

17. Proposed date or dates of treatment Calendar year 1993

(Fish Commission Waterways Conservation Officer *MUST* be contacted prior to treatment.)

18. Additional information Nusyn-Noxfish detoxification takes place naturally within one month of application; Sodium Hypochlorite is used as a neutralizing agent

19. Have all other potential users of the treated water been notified of the treatment?

Yes X No (This notice is required.)

(a) If so, has each of the other users approved your plans for treatment? Yes X No

(b) Has each potential user agreed to restrictions on his/her usage if such restrictions are necessary? Yes X No

(c) If your answer to (a) or (b) is no, please explain:

(d) List other potential users and their uses: There will be no discharge from the spray pond

while the first control chemical remains active

20. APPLICANT CERTIFICATION

The applicant: (a) has notified all other potential users of the treated water as described in Number 19; (b) agrees to employ the listed chemicals in conformance with the manufacturer's specifications and with all the conditions of the permit; (c) is responsible for all damages incurred by the chemicals used; (d) certifies the truth of the above statements.

Applicant's Signature Date

FOR REVIEWER'S USE ONLY

APPLICATION AND PERMIT NO.

Agency	Reviewer	Title	Date	Approve	Disapprove
Fish Commission	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

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