

**PECO ENERGY**

PECO Energy Company
Nuclear Group Headquarters
985 Chesterbrook Boulevard
Wayne, PA 19087-5691

November 17, 1995

Docket Nos. 50-352
50-353License Nos. NPF-39
NPF-85

NPDES Permit No. PA0051926

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Limerick Generating Station, Units 1 and 2
Changes to National Pollutant Discharge
Elimination System Permit

Gentlemen:

This letter is being submitted in accordance with the Limerick Generating Station (LGS), Units 1 and 2, Environmental Protection Plan (EPP) Section 3.2, which stipulates that the NRC shall be notified within 30 days following the date of approval of a change to the National Pollutant Discharge Elimination System (NPDES) permit.

By letter dated November 6, 1995, the Pennsylvania Department of Environmental Protection (PA DEP) approved PECO Energy Company's request to revise LGS NPDES Permit No. PA0051926 to permit the use of a new chemical additive (i.e., Betz Bio-Trol 88P). This new chemical additive will be used as an alternative to the chlorine and bromine system currently permitted for controlling main condenser biofouling. A copy of the PA DEP letter approving this change to the LGS NPDES permit is attached. The NRC was previously notified of our request to revise the NPDES permit to use the chemical additive Betz Bio-Trol 88P by letter dated October 19, 1995.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,

G. A. Hunger, Jr.
Director - Licensing

Attachment

cc: T. T. Martin, Administrator, Region I, USNRC (w/ attachment)
N. S. Perry, USNRC Senior Resident Inspector, LGS, (w/ attachment)

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Please Note Our New Name

Department of Environmental Protection

DEP

Lee Park, Suite 6010

555 North Lane

Conshohocken, PA 19428

November 6, 1995

Southeast Regional Office

610-832-6130

Fax 610-832-6259

Mr. Robert M. Matty, Jr.
Engineer, Environmental Affairs
PECO Energy Company
2301 Market Street
PO Box 8699
Philadelphia, PA 19101-8699

Re: IW NPDES Permit No. PA0051926
Limerick Generating Station
Limerick Township
Montgomery County

Dear Mr. Matty:

This is in response to your October 19, 1995 letter requesting approval to use chemical additive Betz Bio-Trol 88P in the cooling water system at the subject facility. The additive will be used as an alternative to the chlorine and bromine system currently permitted for the control of condenser biofouling. The wastewater will be discharged at an average flow of 14.27 mgd to the Schuylkill River through Outfall 001.

We have completed our review of the information submitted and hereby approve your request to use Betz Bio-Trol 88P subject to the following conditions:

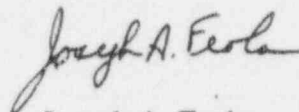
1. The concentration of total residual oxidants at Outfall 001 shall not exceed 0.2 mg/l. A weekly grab sample shall be collected at the Outfall and be analyzed for total residual oxidants. The analysis report shall be submitted monthly on the Discharge Monitoring Report form.

November 6, 1995

2. The term "total residual oxidants" for water with bromides generated through the use of chemical additive Bio-Trol 88P is defined as the value obtained using the amperometric method for total residual chlorine as described in 40 CFR Section 136. This method is described in Standard Methods as the "amperometric titration method".
3. Discharge containing chemical additive to control corrosion, scaling, algae, slime, fouling, oxygen, etc. shall be managed by the permittee to ensure that toxic effects in the receiving stream are prevented. Usage rates shall be limited to the minimum amount necessary to accomplish the intended purposes of chemical addition.
4. Accurate records of usage (name of the additive, quantity added, date added) of the approved chemical additive and blowdown discharge volumes must be maintained on the Chemical Additive Reporting Form and be kept on-site by the permittee.
5. The NPDES permit will be revised to include this approval upon permit renewal.

If you have any questions, please contact Sohan Garg of our staff.

Sincerely,



Joseph A. Feola
Regional Manager
Water Management

cc: Mr. Newbold
Mr. O'Neil
DRBC
EPA
Limerick Township
Permits & Compliance
Re 30 (KAL)310.22