



**PECO NUCLEAR**

A Unit of PECO Energy

PECO Energy Company  
965 Chesterbrook Boulevard  
Wayne, PA 19087-5691

October 13, 1998

Docket Nos. 50-352  
50-353

License 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

Dear Sir/Madam:

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 September 18, 1998, the Pennsylvania Department of Environmental Protection (PA DEP) amended LGS NPDES Permit No. PA0051926 authorizing the use of chemical additives Inhibitor AZ8104, Depositrol PY5206, and Spectrus BD1500. These chemical additives will be used for controlling corrosion, scaling, and algae growth in the secondary cooling water systems at LGS. The NRC was previously notified of our request to revise the NPDES permit to use these chemicals by letters dated August 21, 1998, and September 1, 1998.

Accordingly, this letter provides the required notification of a change to the NPDES permit and is being submitted within 30 days of the permitting agency's approval in accordance with the requirements of the LGS EPP. A copy of the PA DEP letter amending the LGS NPDES permit is attached.

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

Very truly yours,

Garrett D. Edwards  
Director - Licensing

Attachment

cc: H. J. Miller, Administrator, Region I, USNRC (w/ attachment)  
A. L. Burritt, USNRC Senior Resident Inspector, LGS, (w/ attachment)

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PDR ADOCK 05000352  
P PDR

Cool



Lee Park, Suite 6010  
555 North Lane  
Conshohocken, PA 19428  
September 18, 1998

SEP 28 1998

R.M. MATTY, JR.

Southeast Regional Office

610-832-6130  
Fax 610-832-6133

Mr. Robert M. Matty, Jr.  
Engineer, Environmental Affairs  
PECO Energy Company  
2301 Market Street S21-2  
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 August 21, 1998 and September 1, 1998, letters requesting an approval to use chemical additive(s): AZ8104; PY 5206 and BD 1500 for controlling corrosion, scaling and algae growth in the cooling water system at the Limerick Generating Station.

We have completed our review and hereby approve your request. The wastewater will continue to discharge on an average rate of 14.27 mgd to Schuylkill River through Outfall 001. The approval is subject to the following conditions:

1. The approved chemical additive(s) and usage rate(s) are as follows:

Name	Usage Rate(lbs/day)	
	Average	Maximum
Betz Dearborn Inhibitor AZ8104	190	190
Betz Dearborn Depositrol PY5206	1271	1271
Betz Dearborn Spectrus BD1500	466	2500

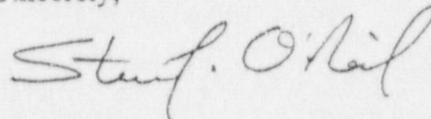
2. Discharge containing chemical additives to control corrosion, scaling, algae, slime, fouling, oxygen, etc., shall be managed by the permittee to ensure that toxic effects in the receiving stream are prevented. Usage rates shall be limited to the minimum amount necessary to accomplish the intended purposes of chemical addition.



3. Accurate records of usage (name of additive, quantity added, date added) of the approved chemical additive and blow down discharge volumes must be maintained and kept onsite by the permittee. The chemical additives will be included in the NPDES permit upon its next renewal.

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

Sincerely,



Steve O'Neil  
Acting Regional Manager  
Water Management

cc: Limerick Township  
EPA  
DRBC  
Mr. Newbold  
Permits & Compliance  
Operations  
Re 30 (RW)259.11