



PECO NUCLEAR

A Unit of PECO Energy

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

October 30, 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 October 16, 1998, the Pennsylvania Department of Environmental Protection (PA DEP) amended LGS NPDES Permit No. PA0051926 authorizing an increase in the usage rates for chemical additives Inhibitor AZ8104, Depositrol PY5206, and Spectrus BD1500. These chemical additives are 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 increase the usage rates of these chemicals by letter dated October 14, 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. cou/

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

Very truly yours,

Garrett D. Edwards
Director - Licensing

100071

Attachment

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

9811100209 981030
PDR ADOCK 05000352
P PDR

bcc:	G. R. Rainey - 63C-3	w/o attachment
	J. D. von Suskil - LGS, SMB1-1	"
	J. J. Hagan - 62C-3	"
	M. P. Gallagher - LGS, GML5-1	"
	R. W. Boyce - 63C-3	"
	T. A. Moore - LGS, SSB2-4	w/ attachment
	R. M. Matty - MO, S21-2	"
	PA DEP BRP Inspector - LGS, SSB2-4	"
	D. P. Helker - 62A-1	"
	Commitment Coordinator - 62A-1	"
	Correspondence Control Desk	"
	DAC	"



Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428
October 16, 1998

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 October 14, 1998 letter, 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 at usage rates higher than were approved by the Department on September 18, 1998.

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	380	380
Betz Dearborn Depositrol PY5206	2,542	2,542
Betz Dearborn Spectrus BD1500	932	5,000

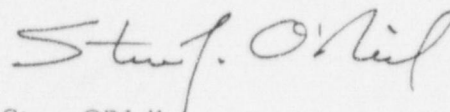
2. Discharge containing chemical additives to control corrosion, scaling, algae, slime, fouling, oxygen, etc., shall be managed by the permittee to ensure that toxic effects in the receiving stream are prevented. Usage rates shall be limited to the minimum amount necessary to accomplish the intended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