

**PECO NUCLEAR**

A UNIT OF PECO ENERGY

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

September 10, 1996

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

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 August 21, 1996, the Pennsylvania Department of Environmental Protection (PA DEP) approved our request to use a revised worksheet for calculating the net total suspended solids concentration discharged at Outfall 001 at LGS. The PA DEP previously approved an NPDES permit revision authorizing the use of this worksheet as documented in a letter dated July 5, 1996. The NRC was also informed of this NPDES permit change authorizing the use of this worksheet. However, PECO Energy later determined that additional changes to this worksheet were necessary in order to include the Perkiomen Creek as a sampling point. A copy of the PA DEP letter approving this NPDES permit revision is attached. The NRC was previously notified of our request to make the additional changes to the worksheet by letter dated August 15, 1996.

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

9609180366 960910
PDR ADQCK 05000352
P PDR

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

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Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428

Southeast Regional Office

AUG. 21 1996

610-832-6130
Fax 610-832-6133

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

Re: IW NPDES Permit No. PA 0051926
Limerick Generating Station
Limerick Township
Montgomery County

Dear Mr. Matty:

This is in response to your August 15, 1996 letter requesting approval to use a revised worksheet for calculation of the net total suspended solids at Outfall 001.

We have completed our review of the proposed worksheet and hereby grant approval to use it. Please substitute the revised worksheet for that worksheet issued July 5, 1996.

If you have any questions, please contact me.

Sincerely,

Sohan L. Garg
Environmental Engineer III
Water Management

Enclosure: Master Worksheet Form (Revised 8/96)

cc: DRBC - Ron Rulon
Limerick Township
Mr. Newbold
Operations
Permits & Compliance
Re 30 (KAL)177.31



DETERMINATION OF TOTAL SUSPENDED SOLIDS (NET) WORKSHEET

Rev. 8/96

1. Obtain a grab sample from the cooling tower **make-up water source** (Schuylkill River and/or Perkiomen Creek) on four consecutive days and composite using the following formula:

Day one-----7 % (35 ml) -----/----- Sampled by/ Date and Time
Day two----- 15 % (75ml)-----/----- Sampled by / Date and Time
Day three----- 27 % (135ml)----- / ----- Sampled by / Date and Time
Day four----- 51 % (255ml)----- / ----- Sampled by / Date and Time

2. On the fourth day, initiate a 24 hour composite sample of Outfall 001

----- / ----- Started by / Date and Time

3. On the fifth day, retrieve the Outfall 001 composite sample

----- / ----- Collected by / Date and Time

4. Analyze make-up water composite for silica

----- mg/l -----/-----
Analyzed by Date and Time

5. Analyze Outfall 001 composite for silica

----- mg/l ----- / -----
Analyzed by Date and Time

6. Determine concentration factor (CF)

(Outfall 001 silica) / (make-up water silica) = ----- Concentration Factor

7. Analyze make-up water composite for TSS

----- mg/l -----/-----
Analyzed by Date and Time

8. Determine background TSS

(Make-up water composite for TSS) x (Concentration Factor)
() x () = mg/l

9. Analyze Outfall 001 composite for TSS

----- mg/l ----- / -----
Analyzed by Date and time

10. Determine Net TSS

(Outfall 001 Composite TSS) - (Background TSS)
() - () = ----- mg/l

NOTE: For computing averages for DMR reporting and for determining permit compliance, all " less than zero results must be counted as zero values.