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 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 05000388
 AUTH. NAME AUTHOR AFFILIATION
 FIELDS, J.S. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 WILKES, J.J. Pennsylvania, Commonwealth of

SUBJECT: Describes revised analytical level for Clam-trol, per NPDES Permit PA 0047325..

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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

October 2, 1990

Mr. John J. Wilkes, Jr.
Water Quality Regional Manager
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
90 East Union Street, 2nd Floor
Wilkes-Barre, PA 18701-3296

SUSQUEHANNA STEAM ELECTRIC STATION
REVISED ANALYTICAL DETECTION LEVEL FOR
CLAM-TROL, NPDES PERMIT NO. PA 0047325
CCN 741326 FILE R9-8A
PLE-12955

Dear Mr. Wilkes:

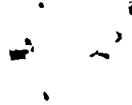
As I indicated in letter PLE-12834, August 31, 1990, the Pennsylvania Power and Light Company has initiated testing Clam-trol, a non-oxidizing biocide at the Susquehanna Steam Electric Station. We would, however, like to revise the analytical detection level for Clam-trol as product from less than 100 mg/l (0.1 ppm) to less than 200 ug/l (0.2 ppm). Information provided in Section VI, "Information and Analysis of Effluent Quality...in the Discharge," of the NPDES permit application (June 23, 1989) stated that the detection level as product would be less than 100 ug/l.

Betz Laboratories, the manufacturer of Clam-trol, has indicated to PP&L that the analytical detection level of 100 ug/l as originally projected cannot be met. Discharge from the unit testing the Clam-trol normally would be diluted by discharge from the other unit prior to entering the river. However, during outages only one unit may be discharging to the river, therefore, the concentration could be as high as 200 ug/l.

With the higher level of detection, there should be no additional impact to the river. To confirm this I am attaching a recent letter sent to GPU Nuclear Corporation from the Pennsylvania Department of Environmental Resources, Bureau of Water Quality Management, Harrisburg Regional Office, approving an effluent concentration at Three Mile Island of less than 0.2 ppm.

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October 2, 1990

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PLE-12955
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If you have any questions, please contact me at (215) 770-7889.

Sincerely yours,



Jerome S. Fields
Sr. Environmental Scientist-Nuclear

jsf/lti415c(25)

Enclosure

cc: NRC Document Control Desk
NRC Region I
Mr. G. S. Barber, NRC Sr. Resident Inspector
Mr. M. C. Thadani, NRC Project Manager
Mr. P. M. Swerdon, Pa DER
Mr. S. J. Lehman, Pa DER
EPA Region III

Zic 9/10/90



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
Harrisburg Regional Office
One Ararat Boulevard
Harrisburg, Pennsylvania 17110
(717) 657-4590
September 5, 1990

Mr. H.D. Hukill
GPU Nuclear Corporation
P.O. Box 480
Rt. 441 South
Middletown, PA 17057-0191

Re: Industrial Waste
NPDES Permit No. 0009920
Londonderry Township,
Dauphin County


Dear Mr. Hukill:

In letters dated June 25, 1990 and July 18, 1990, you requested approval to use Betz Slimicide C-74 (Betz Clam-trol CT-1) as a general biocide within the TMINS circulating water system.

This letter serves to approve the use of this biocide providing the use is as outlined in your June 25 and July 18 letters. Specifically, the effluent concentration of the biocide must, at all times, be less than 0.2 ppm.

If you have any questions, please call.

Sincerely,


Edward J. Corriveau, P.E., Chief
Permits and Grants Section
Harrisburg Regional Office

cc: Tom Grace, GPU Nuclear Corporation
Charles H. Kaplan, P.E., USEPA Region IV

bcc: Bob Schott
File
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