

Exelon Nuclear  
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September 13, 2001

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

Subject: Update Information for NPDES Permit PA0009733

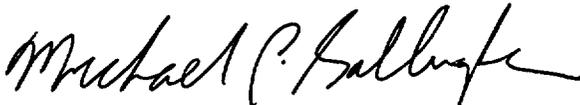
Peach Bottom Atomic Power Station, Units 2 and 3  
Facility Operating License Nos. DPR-44 and DPR-56  
NRC Docket Nos. 50-277 and 50-278

Dear Sir/Madam:

In accordance with Technical Specification 1.4.2.2 of the Peach Bottom Atomic Power Station, Units 2 and 3 Environmental Technical Specifications, attached is a copy of a letter supplied to the Pennsylvania Department of Environmental Protection concerning the National Pollutant Discharge Elimination System (NPDES) permit renewal application of January 2000.

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

Very truly yours,



Michael P. Gallagher  
Director-Licensing

cc: H. J. Miller, Administrator, Region I, USNRC  
A. C. McMurtry, USNRC Senior Resident Inspector, PBAPS

Cool

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September 11, 20001

Mr. Sean Furjanic  
Pennsylvania Department of Environmental Protection  
Water Quality Management  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

CCN-16017

Subject: Update of NPDES Permit PA0009733 Information

Dear Mr. Furjanic:

Attached is an updated schematic of water flow at Peach Bottom Atomic Power Station. This is being submitted as required by NPDES Permit PA0009733 and per our phone conversation.

In the application for the Peach Bottom Atomic Power Station NPDES Permit renewal in January 2000, the Administration Building Chemistry Laboratory was not included as an input to the Sewage Treatment Plant. The laboratory is used to analyze river water and domestic water samples. There is also some fuel oil analyses performed for receipt of the oil shipment. These one-liter fuel oil samples are handled away from the drains and no oil enters the drains in the area. The water samples are analyzed for pH, conductivity, hardness, total residual and free residual chlorine by Wallace and Teirnan and DPD-FAS methods, alkalinity, and twice per year CT-1 during treatments. The volume of waste entering the Unit 2 & 3 Wetwell from the laboratory is usually no more than 5 gallons per day. Typically, less than one gallon is generated for the daily samples. The majority of the water going into the drains is either samples or demineralized water for rinsing. The following is a list of the reagents used in the analyses, MSDS's can be provided if you wish.

pH buffers: 4, 7, 7.41, 10; approximately 100 ml once per day.

Total and Free Residual Chlorine by Amperometric Titration: pH 4, 7 buffer and Phenylarsenine Oxide; approximately 3 samples per day

Alkalinity: 0.02 N Sulfuric Acid (titrant;), Bromcresol green or methyl red (indicators), less than 10 ml; approximately 2 samples per month

Hardness: 0.08 M EDTA, 8 N KOH, 5.25 N Sulfuric Acid, hydroxynaphthol blue and calmagite (indicators), less than 10 ml, approximately 2 samples per month.

CT-1: 40 samples per two day treatment. Treatments are twice per year. Chemicals are CT-1 buffer (10-15 ml), QAC-1 reagent (1 ml), and QAC-2 reagent (1 powder pillow).

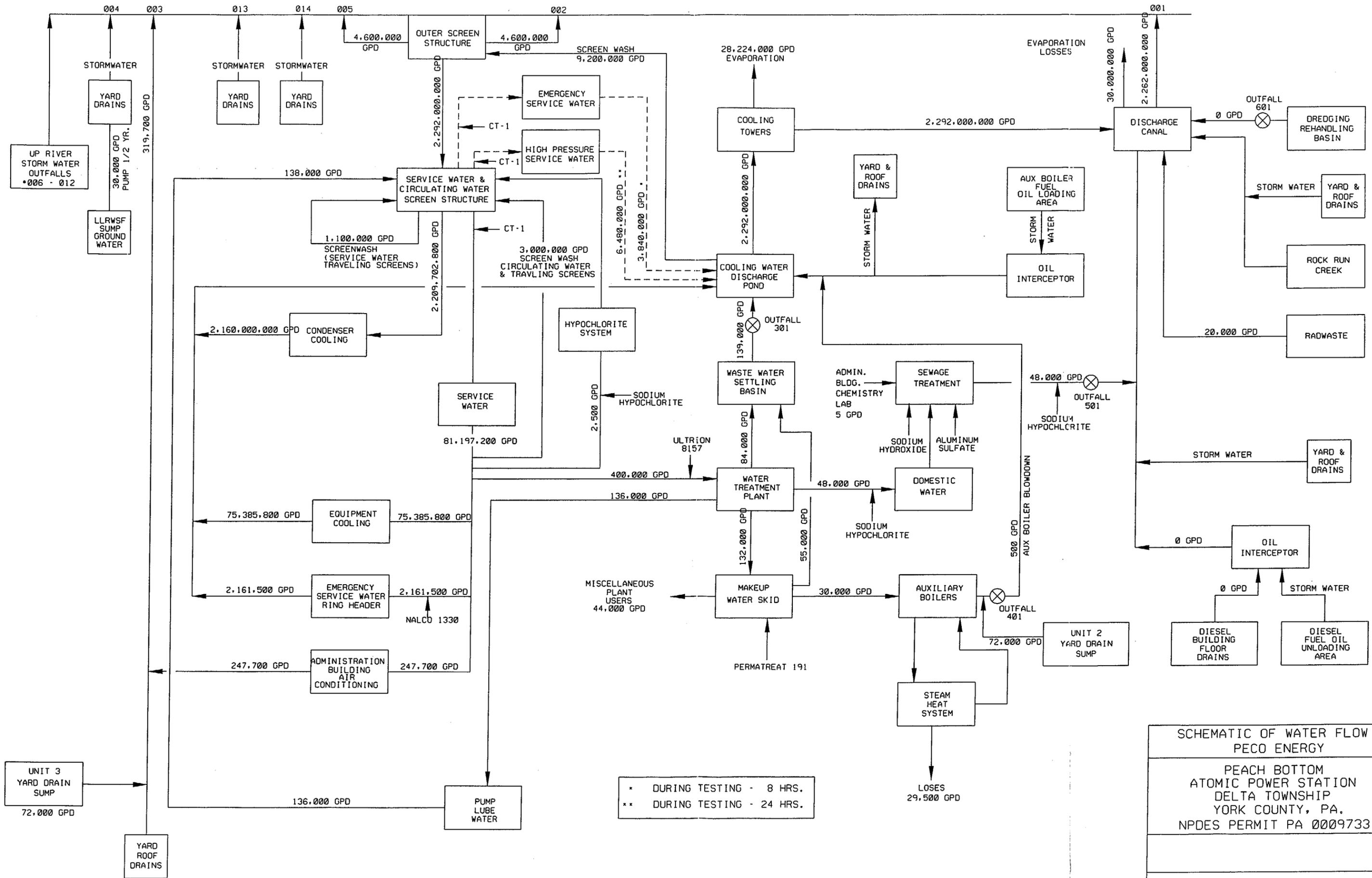
If you have any questions about this matter please feel free to contact me at 610-765-5904. Thank you for your assistance.

Sincerely;



Tracy J. Siglin

Cc: Fish, D.L. w/out attachments  
Jordan, D.M. with attachments  
US NRC Document Control Desk with attachments



\* DURING TESTING - 8 HRS.  
 \*\* DURING TESTING - 24 HRS.

SCHEMATIC OF WATER FLOW  
 PECO ENERGY  
 PEACH BOTTOM  
 ATOMIC POWER STATION  
 DELTA TOWNSHIP  
 YORK COUNTY, PA.  
 NPDES PERMIT PA 0009733