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July 13, 2006
PY-CEI/OEPA-0455L

Ohio Environmental Protection Agency
Northeast District Office
Attention: Ms. Marie Underwood
2110 E. Aurora Rd.
Twinsburg, OH 44087-1969

Ladies and Gentlemen,

On July 8, 2006, the Perry Nuclear Power Plant (PNPP) reported a Noncompliance in accordance with Ohio Environmental Protection Agency (OEPA) Permit No. 3IB00016*ED. The report was made due to exceeding the maximum daily limit of 100 ppm for total suspended solids (TSS) for Internal Monitoring Station 601, neutralized demineralizer regenerant waste. The initial report was made to the Ohio Environmental Protection Agency by phone on July 8, 2006.

A follow-up telephone notification was made on July 11, 2006 regarding the TSS monthly average. The TSS monthly average for Internal Monitoring Station 601 was exceeded due to June 29, 2006 discharge. The monthly average for Internal Monitoring Station 601 was 44.2 ppm versus a permit limitation of 30 ppm. This letter serves as the five-day follow-up report for both the June 29, 2006 daily exceedance and the resulting monthly exceedance required by the National Pollution Discharge Elimination System (NPDES) Permit.

Per Part III, Section 12.B, the following information was reported on July 8, 2006:

1. **The times at which the discharge occurred, and was discovered:** The discharge occurred at 16:30 on June 29, 2006. The TSS concentration was discovered on July 7, 2006 when FENOC Beta Lab reported the analysis of that discharge.
2. **The approximate amount and the characteristics of the discharge:** Approximately 18,300 gallons of neutralized demineralizer regenerant waste with a pH of 7.94 and TSS of 142 ppm was pumped to Lake Erie via discharge 004.
3. **The stream affected by the discharge:** Lake Erie. Internal Monitoring Station 601 is mixed with final effluent 004.
4. **The circumstances which created the discharge:** Unknown at the time of the initial phone call.
5. **The names and telephone numbers of the persons who have knowledge of these circumstances:** Liz Ryan or Paul Kowalski (440)-280-5536/5063.

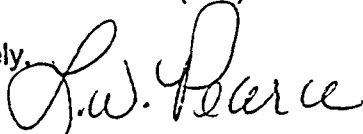
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Per Part III, Section 12.C, the following information is provided for both exceedances:

1. **The limitation which has been exceeded:** The daily discharge limitation for Internal Monitoring Station 601 for TSS is a maximum of 100 ppm. The monthly permit limitation is 30 ppm.
2. **The extent of the exceedance:** Approximately 18,300 gallons of neutralized demineralizer regenerant water with a pH of 7.94 and TSS of 142 ppm was pumped to Lake Erie via discharge 004. As a result, the monthly average for Internal Monitoring Station 601 for TSS was 44.2 ppm.
3. **The cause of the exceedance:** The most likely cause of the high TSS was a contaminated sample from dirty sample lines. A discharge from the same basin on July 5, 2006 contained 5 ppm TSS.
4. **The period of the exceedance(s) including exact dates and times:** The discharge started at 16:30 on June 29, 2006 and lasted approximately 5 hours.
5. **If uncorrected, the anticipated time the exceedance is expected to continue:** The most likely cause of this exceedance has been eliminated.
6. **Steps taken to reduce, eliminate, and/or prevent recurrence of the exceedance:** The contaminated sample lines have been removed from service. In addition, site specific procedures have been changed to obtain the analysis of the treated water prior to discharge.

If you have any questions or require additional information, please contact Ms. Liz Ryan or Mr. Paul Kowalski at (440)-280-5536/5063.

Sincerely,



cc: NRC Region III
NRC Resident Inspector
NRC Project Manager
NRC Document Control Desk (Docket No. 50-440)