

Mark B. Bezilla
Vice President440-280-5382
Fax: 440-280-8029June 2, 2008
PY-CEI/OEPA-0489LMr. Michael Stevens
Ohio Environmental Protection Agency
Northeast District Office
2110 E. Aurora Rd.
Twinsburg, Ohio 44087-1969**SUBJECT:**

Perry Nuclear Power Plant Confirmation of Telephone Report of a Prior Notice of the Need for a Bypass per Part III, Section 11.B, NPDES Permit No. 31B00016*ID

The Ohio Environmental Protection Agency (OEPA) Northeast District Office was called at 0820 hours on 5/15/08. Mrs. Liz Ryan of the First Energy Nuclear Operating Company spoke to Mr. Mike Stevens of the OEPA. Mrs. Ryan explained that the Perry Plant is currently operating with a known leak in the Emergency Service Water (ESW) B loop. This leak would constitute a bypass during the times that the loop is in operation and being chlorinated. The ESW B leakage is about 0.3 gallons per minute when the loop is not running and 0.6 gallons per minute when the loop is running. A new split coupling to repair the leakage is on order with an 11 to 12 week lead time. This system has not been chlorinated since the leak was identified as coming from ESW B loop. Testing of leakage water has shown no chlorine.

It was discussed that when the ESW B Loop is operating chlorination is performed for one hour per day. The next planned operation of ESW B loop is during the week of May 19, 2008. In addition, the Perry Plant is required to backfill the currently exposed ESW B piping due to tornado missile contingency plans. Perry will revise its targeted free available chlorine (FAC) treatment band for the ESW B loop from 0.08 ppm to 0.3 ppm to a new band of 0.08 to 0.2 ppm, as an attempt to ensure chlorine leakage remains below our National Pollutant Discharge Elimination System (NPDES) permit limit. Attempts will be made to sample and collect leakage water during chlorination to verify there was no exceedance of our permit. However, the pipe with the leakage is approximately 18 feet underground and based on low volume water leakage, it is likely that any chlorine in the water will dissipate on the property and there may be no water to sample or collect.

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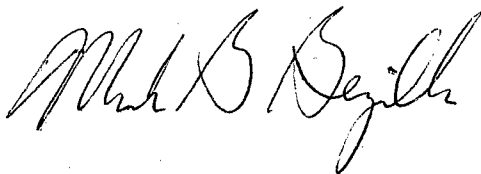
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Mr. Stevens indicated that he understood the condition of ESW B and voiced no objection to operating the system in its current state, including the chlorination when running, provided that the repairs are ultimately performed, either at our Refuel Outage 12 (spring 2009) or during the next scheduled maintenance, which would accommodate this repair (fall 2008). He requested a follow-up letter explaining the problem and referencing this telephone discussion. Perry requested that the OEPA provide an acknowledgement response of this letter be sent back to the Perry Plant.

On May 20, 2008, a temporary repair to the leak was executed prior to backfilling. This temporary repair resulted in significantly reducing the leakage to a drop every second or two (estimated at approximately 40 drops per minute).

If you have questions or require additional information, please contact Mrs. Liz Ryan at (440) 280-5536.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark B. Bezilla".

Mark Bezilla

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