



OCT 30 2008

LR-N08-0247

10CFR26.719

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

SALEM AND HOPE CREEK GENERATING STATIONS
FACILITY OPERATING LICENSE NOS. DPR-70, DPR-75 AND NPF-57
DOCKET NOS. 50-272, 50-311 AND 50-354

Subject: REPORT OF HHS-CERTIFIED LABORATORY TESTING ERROR
INVESTIGATION AND CORRECTIVE ACTION

PSEG Nuclear LLC hereby forwards the attached HHS Laboratory (DRUGSCAN) Report of Investigation and Corrective Action, dated October 3, 2008, in accordance with the requirements of 10CFR26.719 (c) 1. This investigation was conducted because of a false negative result on a blind proficiency specimen, which was generated and reported to our Medical Review Officer (MRO).

No Regulatory commitments are contained in this correspondence.

Should you have any questions concerning this letter, please contact Philip J. Duca at (856) 339-1640.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Fricker".

Carl Fricker
Vice President – Operations Support

Attachment: DRUGSCAN - Report of Investigation and Corrective Action

A022

NRK

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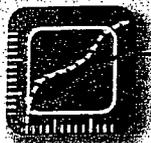
Lee Marabella, Corporate Commitment Coordinator (N-21)

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DRUGSCAN

**Report of Investigation and Corrective Action
(3 Pages including this page)**



DRUGSCAN[®]

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Report of Investigation and Corrective Action

- 1. Problem:** On 12 SEP 2008, the laboratory received a specimen from Account Number X0908 which is identified by the laboratory accession number 08121478. The specimen was reported "negative" to the client's MRO when in fact this was a Blind Proficiency specimen with the expected result: Positive-PCP (Phencyclidine). The instrument reading for 08121478 was 24.4 ng/mL with a reporting positive cutoff of 25.0 ng/mL. Therefore, a false negative result was generated and reported to the MRO.

- 2. Investigation:** Upon notification of the problem, the laboratory re-analyzed specimen 08121478 on the original testing instrument, an Olympus 5221. The reanalysis was Positive: PCP.

The Olympus 5221 was then taken off line and out of service. A mechanical and service inspection of the instrument was conducted. Upon disassembly of the Wash Station apparatus, a small crack of a wash nozzle line was detected. This condition could result in a small, residual amount of deionized water remaining in a cuvette. This residual deionized water would act as a diluent with the effect that the true concentration of an analyte could be lowered.

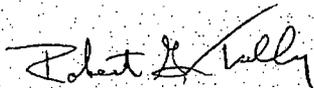
The physical configuration of the Olympus 5221 is such that the malfunctioning wash station nozzle would only effect the cuvettes used for a particular assay. In this case PCP.

- 3. Corrective Action:** All specimens for X0908 that were tested on the Olympus 5221 for PCP were re-reviewed back to the last acceptable PCP blind proficiency specimen for X0908.

With the exception of specimen 08121478, there were no specimens with a PCP result between 80% and less than 100% of the PCP cut-off. Therefore, no other potential false negative results exist.

In addition, all specimens for X0908 are now tested on an Olympus 2700 for marijuana metabolites, cocaine metabolite, amphetamines, phencyclidine, creatinine, pH, and oxidants.

4. **Conclusion:** The Problem of specimen 08121478 was the result of a random, mechanical, instrument error and the Quality Control Program of X0908 in blind proficiency testing has successfully performed the function of identifying potential problems before effecting results of actual donor specimens.



Robert G. Tully, M.S.
Associate Laboratory Director
Certifying Scientist

03 OCT 2008