



PERRY NUCLEAR POWER PLANT

10 CENTER ROAD
PERRY, OHIO 44081
(216) 259-3737

Mail Address:
P.O. BOX 97
PERRY, OHIO 44081

Robert A. Stratman
VICE PRESIDENT - NUCLEAR

October 20, 1994
PY-CEI/OEPA-0209L

Mr. Richard Magni
OEPA Division of Water Pollution Control
P.O. Box 1049
1800 Watermark Dr.
Columbus, Ohio 43266-0149

Re: Director's Final Findings and Orders for use of H-130 and CL-37 Cooling
Water Additives for the Perry Nuclear Power Plant OEPA Permit
No. 3IB00016DD.

Dear Mr. Magni,

In accordance with the Director's Final Findings and Orders, the following is a report of the monitoring and toxicity data obtained during the Perry Nuclear Power Plant's H-130 treatment, conducted on September 22, 1994.

Grab samples of the effluent were collected every two hours during the treatment from a point downstream of the detoxification site. Sample analysis demonstrated that the concentration of active H-130 discharged into Lake Erie was maintained at <0.04 mg/l.

A composite sample of the effluent was collected during the H-130 treatment and used to conduct acute toxicity tests. Control samples were collected at both the intake and discharge prior to treatment. Test results are attached.

The use of CL-37 to reduce foam was not required.

If you have questions or require additional information, please contact Donna Tizzano at (216) 280-5514.

Sincerely,



Robert A. Stratman

RAS:DGT:sc

Attachment

cc: NRC Project Manager
NRC Resident Inspector Office
NRC Document Control Desk
NRC Region III

B. Hall, OEPA - Northeast District Office

Operating Companies
Cleveland Electric Illuminating
Toledo Edison

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PDR ADDCK 05000440
P PDR

IE23



17 October 1994

Mr. Jim Simmons
Calgon Corporation
Midway Plaza Building; Suite 200
347 Midway Blvd.
Elyria, Ohio 44035

Dear Mr. Simmons:

Enclosed please find two copies of EA Engineering, Science, and Technology (EA) final report titled "Results of Acute Toxicity Tests with *Daphnia magna* and *Pimephales promelas* on Samples from Calgon Corporation (Report #1755).

Should you have any questions or comments regarding this report, please do not hesitate to contact me at (410) 771-4950. On behalf of EA, I would like to thank you for the opportunity to perform this work for you.

Sincerely,

A handwritten signature in cursive script that reads "Virginia A. Sohn".

Virginia A. Sohn
Associate Scientist
Environmental Toxicology

cc 70003.10WP1
Donna Tizzano



RESULTS OF ACUTE TOXICITY TESTS
WITH *Daphnia magna* AND *Pimephales promelas*
ON SAMPLES FROM CALGON CORPORATION

Prepared for:

Calgon Corporation
Elyria, Ohio

Prepared by:

EA Mid-Atlantic
EA Engineering, Science, and Technology, Inc.
15 Loveton Circle
Sparks, Maryland 21152

October 1994

EA Project 70003.10

Report Number 1755