

TENNESSEE VALLEY AUTHORITY

SPB 2P

Knoxville, Tennessee 37302-1499

JAN 30 1991

Mr. Sims R. Crowover, Manager of
Enforcement and Compliance
Division of Water Pollution Control
Tennessee Department of Health
and Environment
TERRA Building
150 Ninth Avenue, North
Nashville, Tennessee 37219-5404

Dear Mr. Crowover:

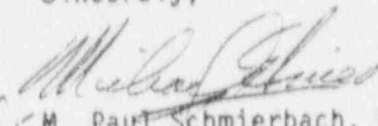
REVISION TO THE SEQUOYAH NUCLEAR PLANT (SQN) TOXICITY REPORT - NATIONAL
POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT NUMBER TN0026450

On January 25, we submitted the SQN Discharge Monitoring Report including
the most recent toxicity report on the diffuser effluent. After the
submission, we discovered errors on page 18 of the toxicity reports which
we would like to correct.

Please replace page 18 of the original submission with the enclosed. I
apologize for any confusion that might have been created.

If you have any questions regarding this revision, please contact
Abraham H. Loudermilk Jr. at (615) 632-6656 in Knoxville.

Sincerely,


M. Paul Schmierbach, Manager
Environmental Quality

Enclosure

cc (Enclosure):

Mr. Douglas K. Lankford, Chief
South Carolina Tennessee Unit
Facilities Performance Branch
Water Management Division
U. S. Environmental Protection
Agency, Region IV
345 Courtland Street, NE
Atlanta, Georgia 30365

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Sims R. Crowover

cc: Mr. Phillip L. Stewart, Manager
Tennessee Department of
Health and Environment
Chattanooga Field Office
Division of Water Pollution Control
2501 Milne Street
Chattanooga, Tennessee 37406

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 30323

B. A. Wilson, Assistant Director
for Inspection Programs
TVA Projects Division
U. S. Nuclear Regulatory Commission
Region II, 1101 Marietta Street, NW
Suite 2900
Atlanta, Georgia 30323

7.0. CONCLUSION

Tests conducted on the SQN diffuser effluent (DSN101) from December 5-12, 1990, did not show toxicity (survival, or growth or reproduction effects) to fathead minnows, Ceriodaphnia, or algae.

8.0 REFERENCES

1. Letter, R. M. Sinclair to Ralph H. Brooks, June 30, 1988, Re: NPDES Permit No. TNO024650
2. Letter, M. Paul Schmierbach to Ralph M. Sinclair, July 22, 1988, Re: Selection of Control Water for Toxicity Testing
3. Field Operations Natural Resource Engineering Procedures Manual, Vol. 1, Division of Natural Resource Operations, Tennessee Valley Authority.
4. W. B. Horning and C. I. Weber (eds.), Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, Second Edition, EPA/600/4-89/001 (March 1989).
5. ECKENFELDER INC., Good Laboratory Practices for Aquatic Toxicology, June 1990, Nashville, TN.

ABD-0009C