

TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

DEC 1 1986

Mr. Kenneth W. Bunting, Director
Division of Water Pollution Control
Tennessee Department of Health
and Environment
150 Ninth Avenue, North
TERRA Building
Nashville, Tennessee 37219-5404

Dear Mr. Bunting:

WATTS BAR NUCLEAR PLANT (WBN) - NPDES PERMIT NO. TN0020168 -
PREOPERATIONAL NONRADIOLOGICAL AQUATIC MONITORING REPORT

Enclosed are two copies of the report, "Preoperational Assessment of Water Quality and Biological Resources of Chickamauga Reservoir, Watts Bar Nuclear Plant, 1973-1985." This report is submitted in accordance with part I., section B.1.c., and part III., section F., of the NPDES permit for WBN and my September 18 letter to Bruce R. Barrett. The enclosed report summarizes preoperational data collected between March 1982 and March 1986, and from 1972 through 1979. Nonradiological preoperational aquatic monitoring was conducted from 1973 to 1977 (water quality/non-fish), and 1976 to 1979 (fish), and results reported to the Environmental Protection Agency on April 15 and April 30, 1980, respectively. Due to delays in the completion of WBN, TVA decided to resume these monitoring programs in March 1982 in order to update the preoperational data base. TVA believes the updated preoperational data base is sufficient as a baseline from which the effects of WBN operation on Chickamauga Reservoir can be determined. Therefore, preoperational monitoring has been terminated.

A fuel loading date for unit 1 of the plant has not been established. Once a schedule is established, TVA will establish a schedule for conducting the operational monitoring required by part III., section G., of the permit, and advise you accordingly.

The data from the additional monitoring of the intake and diffuser gate discharge were inadvertently not included in the enclosed report as required by part III., section F., of the permit. These data are now being compiled and assessed. This assessment, along with a summary of the data, will be submitted to you by February 15, 1987.

If you have any questions regarding the enclosed report or the monitoring program, please call Madonna E. Martin of my staff at (615) 632-6695.

Sincerely,

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PDR ADOCK 05000390
R PDR

Martin E. Rivers
Martin E. Rivers, Director
Environmental Quality

Enclosure

cc: See page 2

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June 30, 1986

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U. S. Environmental Protection Agency
Region IV Office
ATTN: EIS Coordinator
345 Courtland Street
Atlanta, Georgia 30365

SUBJECT: Watts Bar Nuclear Plant, Units 1 and 2 - Tennessee Valley Authority

The following documents concerning our review of the subject facility are transmitted for your information.

- ☐ Notice of Receipt of Application, dated _____.
- ☐ Draft/Final Environmental Statment, dated _____.
- ☐ Notice of Availability of Draft/Final Environmental Statement, dated _____.
- ☐ Safety Evaluation Report, or Supplement No. _____, dated _____.
- ☐ Notice of Hearing on Application for Construction Permit, dated _____.
- ☐ Notice of Consideration of Issuance of Facility Operating License, dated _____.
- ☐ Monthly Notice; Applications and Amendments to Operating Licenses Involving no Significant Hazards Considerations, dated _____.
- ☐ Application and Safety Analysis Report, Volume _____.
- ☐ Amendment No. _____ to Application/SAR dated _____.
- ☐ Construction Permit No. CPPR- _____, Amendment No. _____ dated _____.
- ☐ Facility Operating License No. _____, Amendment No. _____, dated _____.
- ☐ Order Extending Construction Completion Date, dated _____.
- ☒ Other (Specify) Annual Radiological Environmental Monitoring Report for 1985

Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc: See next page

OFFICE➤	PWR#4/DPWR-A						
SURNAME➤	MDuncan/mac						
DATE➤	06/30/86						