



UNITED STATES
 NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 28, 1994

Tennessee Valley Authority
 Attention: Mr. Oliver D. Kingsley, Jr.
 President, TVA Nuclear and
 Chief Nuclear Officer

6A Lookout Place
 1101 Market Street
 Chattanooga, TN 37402-2801

SUBJECT: NRC INSPECTION NO. 50-390/94-202
 WATTS BAR NUCLEAR PLANT, UNIT 1
 OPERATIONAL READINESS ASSESSMENT TEAM INSPECTION

Dear Mr. Kingsley:

This letter transmits the report of the U.S. Nuclear Regulatory Commission (NRC) Operational Readiness Assessment Team (ORAT) inspection, conducted from November 9 through November 18, 1994, of activities authorized by NRC Construction Permit No. CPPR-91 for the Watts Bar Nuclear Plant (WBN), Unit 1. The inspection was conducted by the Special Inspection Branch of the Office of Nuclear Reactor Regulation (NRR) and included staff from NRR, the Office of Analysis and Evaluation of Operational Data (AEOD) and contractors.

The ORAT performed an independent assessment of management controls, programs, and personnel readiness to support safe operation of the Unit 1 facility. The inspection was reduced in scope compared to the ORAT normally performed just prior to plant licensing. The inspection was performed during the integrated safeguards testing and focused on assessing the Operations department's readiness to assume an operational ownership and command of plant systems and the day-to-day identification and resolution of problems affecting operation. The team's findings were discussed with Mr. O. Zeringue and other members of your staff at the conclusion of the inspection on November 18, 1994.

The inspection determined that you were making progress towards readiness for operations but noted that a good deal of work remained to be completed. For example, only a small number of the operating and surveillance procedures had been issued and very few systems and plant areas had been turned over to Operations. A significant challenge remains to complete the remaining work prior to your scheduled core load date.

The inspection concluded that operator command, control, and conduct were fairly well developed and close to what is expected of an operating organization. Operating crews were professional in behavior and appearance. Overall, operator command and control were considered a strength.

The inspection concluded that, overall, configuration control was adequate. Your equipment labeling program was considered to be a strength. However, further development was needed in operator compliance to administrative

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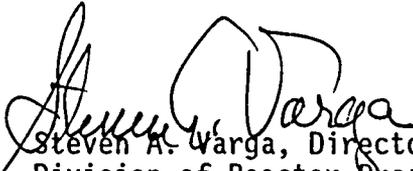
Mr. Oliver D. Kingsley, Jr.

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procedures. A deficiency was identified which involved improper circuit breaker alignments caused by operators' failure to follow procedures for configuration control. Further management attention to operator procedure compliance appears warranted.

No response to this letter is required. The NRC Region II office will issue any enforcement actions that may result from this inspection. In accordance with 10 CFR 2.790(a), a copy of this letter and its enclosure will be placed in the NRC Public Document Room. Should you have any questions concerning this inspection please contact the inspection team leader, P. P. Narbut, at (301) 504-2962 or the NRC project manager, P. S. Tam, at (301) 504-1451.

Sincerely,


Steven A. Warga, Director
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Docket No.: 50-390

Enclosure: Inspection Report 50-390/94-202

cc w/encl: See next page

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Sincerely,

Original signed by:

Steven A. Varga, Director
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

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* Previously concurred

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H. 12/27/94

Mr. Oliver D. Kingsley, Jr.
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WATTS BAR NUCLEAR PLANT

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