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JAN 24 1994

Docket Nos.: 50-390 and 50-391
License Nos.: CPPR-91 and CPPR-92

Tennessee Valley Authority
ATTN: Dr. Mark O. Medford
Vice President Technical Support
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Gentlemen:

SUBJECT: NRC INSPECTION REPORT NOS. 50-390/93-86 AND 50-391/93-86

This refers to the NRC inspection conducted by Ron Gibbs of this office on November 29 - December 22, 1993. The inspection included a review of activities authorized for your Watts Bar facility. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed report.

Areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress.

This inspection was conducted to review the QA record plans and records for Electrical Equipment, Instrument Line Supports, Foundations and Concrete Structures. The inspection determined that the record plans for Instrument Line Supports, Foundations and Concrete Structures were satisfactory. The record plan for Electrical Equipment was determined to be technically inadequate (Reference paragraph 4.a of the enclosed report). This record plan was corrected during the inspection, and your staff planned additional actions to correct similar conditions in the remaining record plans. All of the records requested by the inspection team were retrievable, and the records for Electrical Equipment, Foundations and Concrete Structures adequately documented installation of the hardware in the plant. We are concerned with the technical adequacy of the remaining QA Record Plans. As such, please provide us with a written response which describes your actions to assure the technical adequacy of these plans. Your reply should be submitted to the NRC within thirty days of the date of this letter.

We are additionally concerned about the technical adequacy of the bounding analysis for sampling of Instrument Line Supports (Reference paragraphs 5.a and 5.c of the enclosed report). Specifically, this analysis was not conducted in accordance with the latest site procedure concerning sampling, and two of the supports reviewed by the inspection team were not bounded by the analysis. You are requested to review this analysis, and furnish a written response which provides your assessment of its adequacy. Your response should identify any corrective actions you consider appropriate, as

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well as, an assessment of the adequacy of any other areas where sampling is being used as a licensing basis for Watts Bar. Your reply to this issue should be submitted to the NRC within thirty days of the date of this letter.

Within the scope of the inspection, no violations or deviations were identified.

The enclosed Inspection Report identifies activities that violated NRC requirements that will not be subject to enforcement action because the licensee's efforts in identifying and/or correcting the violation meet the criteria specified in Section VII.B. of the Enforcement Policy.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and any reply will be placed in the NRC Public Document Room.

Should you have any questions concerning this letter, please contact us.

Sincerely,

(Original signed by E. Merschoff)

Ellis W. Merschoff, Director
Division of Reactor Projects

Enclosure:
NRC Inspection Report
w/Attachments A and B

cc w/encl: (See page 3)

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cc w/encl:

Mr. Craven Crowell, Chairman
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. W. H. Kennoy, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. Johnny H. Hayes, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37402-2801

Mr. D. E. Nunn, Vice President
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. W. J. Museler, Vice President
Watts Bar Nuclear Plant
Tennessee Valley Authority
Route 2, P. O. Box 800
Spring City, TN 37381

Mr. B. S. Schofield, Manager
Nuclear Licensing and
Regulatory Affairs
4G Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Mr. G. L. Pannell
Site Licensing Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
Route 2, P. O. Box 800
Spring City, TN 37381

TVA Representative
Tennessee Valley Authority
11921 Rockville Pike
Suite 402
Rockville, MD 20852

General Counsel
Tennessee Valley Authority
ET 11H
400 West Summit Hill Drive
Knoxville, TN 37902

The Honorable Robert Aikman
County Executive
Rhea County Courthouse
Dayton, TN 37321

The Honorable Garland Lanksford
County Executive
Meigs County Courthouse
Decatur, TN 37322

Mr. M. H. Mobley, Director
Division of Radiological Health
3rd Floor, L and C Annex
401 Church Street
Nashville, TN 37243-1532

Danielle Droitsch
Energy Project
The Foundation for Global
Sustainability
P. O. Box 1101
Knoxville, TN 37901

Mr. Bill Harris
Route 1, Box 26
Ten Mile, TN 37880

bcc w/encl: (See page 4)

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bcc w/encl:

E. W. Merschhoff, DRP/RII
P. E. Fredrickson, DRP/RII
B. M. Bordenick, OGC
M. S. Callahan, GPA/CA
A. F. Gibson, DRS/RII
B. S. Mallett, DRSS/RII
P. A. Taylor, DRS/RII
G. C. Lainas, NRR
F. J. Hebdon, NRR
L. C. Plisco, OEDO
P. S. Tam, NRR
NRC Document Control Desk

NRC Resident Inspector
U. S. Nuclear Regulatory Commission
Route 2, Box 700
Spring City, TN 37381

DRP/RII
Rdy
RGibbs:vyg
01/20/94

DRP/RII
PF
PFredrickson
01/21/94

DRP/RII
JC
JC Menjak
01/21/94