

PDR



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

October 10, 1984

Docket Nos.: 50-390  
50-391

Mr. H. G. Parris  
Manager of Power  
Tennessee Valley Authority  
500 A Chestnut Street, Tower II  
Chattanooga, Tennessee 37401

Dear Mr. Parris:

Subject: Report on Implementation of Inadequate Core Cooling  
Instrumentation for the Watts Bar Nuclear Plant,  
Units 1 and 2

Part of the review of the Watts Bar inadequate core cooling instrumentation (ICCI) includes review of information related to the installation, testing, and calibration of the system. Enclosed is a description of the information needed for the staff's review. This report should be submitted prior to exceeding 5 percent power to ensure timely completion of the staff's review of the ICCI.

If you have any questions concerning this matter, please contact the project manager, Thomas J. Kenyon at FTS 492-7266.

Sincerely,

A handwritten signature in cursive script, reading "Elinor G. Adensam".

Elinor G. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing

Enclosure:  
Contents of ICCI Implementation  
Report

cc: See next page

DESIGNATED ORIGINAL

Certified By

A handwritten signature in cursive script, likely reading "John M. [unclear]".

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A PDR

WATTS BAR

Mr. H. G. Parris  
Manager of Power  
Tennessee Valley Authority  
500A Chestnut Street, Tower II  
Chattanooga, Tennessee 37401

cc: Herbert S. Sanger, Jr., Esq.  
General Counsel  
Tennessee Valley Authority  
400 West Summit Hill Drive, E 11B 33  
Knoxville, Tennessee 37902

Mr. David Ellis  
Tennessee Valley Authority  
400 Chestnut Street, Tower II  
Chattanooga, Tennessee 37401

Mr. D. Checcet  
Westinghouse Electric Corporation  
P.O. Box 355  
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Mr. Ralph Shell  
Tennessee Valley Authority  
400 Chestnut Street, Tower II  
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Mr. Donald L. Williams, Jr.  
Tennessee Valley Authority  
400 West Summit Hill Drive, W10B85  
Knoxville, Tennessee 37902

Resident Inspector/Watts Bar NPS  
c/o U.S. Nuclear Regulatory  
Commission  
Rt. 2 - Box 300  
Spring City, Tennessee 37381

Mr. David Ormsby  
Tennessee Valley Authority  
400 Chestnut Street, Tower II  
Chattanooga, Tennessee 37401

James P. O'Reilly, Regional Administrator  
U.S. Nuclear Regulatory Commission,  
Region II  
101 Marietta Street, N.W., Suite 2900  
Atlanta, Georgia 30323

Contents of ICCI Implementation  
Report

- (1) Notification that the system installation, functional testing, and calibration is complete and test results are available for inspection.
- (2) Summary of licensee conclusions based on test results, e.g.:
  - (a) the system performs in accordance with design expectations and within design error tolerances; or
  - (b) description of deviations from design performance specifications and basis for concluding that the deviations are acceptable.
- (3) Description of any deviations of the as-built system from previous design descriptions with any appropriate explanation.
- (4) Request for modification of Technical Specifications to include all ICC instrumentation for accident monitoring.
- (5) Request for NRC approval of the plant-specific installation.
- (6) Confirm that the EOPs used for operator training will conform to the technical content of NRC approved EOP guidelines (generic or plant specific).