

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,

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

Enclosure:
Contents of ICCI Implementation
Report

cc: See next page

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Certified By

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A PDR

WATTS BAR

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Tennessee Valley Authority
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cc: Herbert S. Sanger, Jr., Esq.
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Resident Inspector/Watts Bar NPS
c/o U.S. Nuclear Regulatory
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Spring City, Tennessee 37381

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