



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 22, 1995

Mr. Oliver D. Kingsley, Jr.
President, TVA Nuclear and
Chief Nuclear Officer
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear. Mr. Kingsley:

SUBJECT: WATTS BAR UNIT 1 - ACCEPTANCE FOR REFERENCING OF PRESSURE
TEMPERATURE LIMITS METHODOLOGY AND PRESSURE TEMPERATURE LIMITS
REPORT (TAC M89048)

- REFERENCES:
1. Letter, W. J. Museler to NRC, regarding request for exemption from 10 CFR 50.60, March 10, 1994.
 2. Letter, D. E. Nunn to NRC, regarding heatup and cooldown curves for normal operation (submitting WCAP-14176 and WCAP-14040, Rev. 1), December 23, 1994.
 3. Letter, R. R. Baron to NRC, responding to NRC July 11, 1995, request for additional information, July 31, 1995.
 4. Letter, R. R. Baron to NRC, providing more information regarding cold overpressure mitigating system setpoints, September 8, 1995.

We have completed our review of the pressure temperature limits methodology and the pressure temperature limits report (PTLR) (as referenced above) submitted by the Tennessee Valley Authority. We find the methodology to be acceptable for referencing in the administrative controls section of the Watts Bar Unit 1 Technical Specifications to the extent specified and under the limitations delineated in your submittals, and the associated safety evaluation, which is enclosed. The safety evaluation defines the basis for acceptance of the submittals. Our acceptance only applies to the matters described in the submittals.

We do not intend to repeat our review of the matters described in the submittals if the submittals appear as references in other license applications relating to your plant, except to ensure that the material in the submittals is still applicable to your plant as indicated in the conclusion section of the safety evaluation.

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Mr. Oliver D. Kingsley, Jr

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The methodology for review relating to the pressure temperature limits was provided in the references listed above. Reference 2 included WCAP-14040, Revision 1, which provided parts of the methodology used for determining the acceptance of the Watts Bar methodology. This acceptance of WCAP-14040 is for the Watts Bar nuclear plant only. Generic approval of WCAP-14040 is being determined separately.

Should our criteria or regulations change so that our conclusions as to the acceptability of the methodology is invalidated, TVA will be expected to revise and resubmit their respective documentation, or submit justification for the continued effective applicability of the documents without revision of their respective documentation.

Sincerely,

Original signed by Steve Dembek for
Frederick J. Hebdon, Director
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-390

Enclosure: As stated

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Sincerely,



FOR Frederick J. Hebdon, Director
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-390

Enclosure: As stated

cc w/o Enclosure: See next page

WATTS BAR NUCLEAR PLANT

cc:

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