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

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

Dear Mr. Parris:

Reference is made to your letter of February 20, 1979 which submitted for our review the following topical reports: TVA-TR78-02, "Methods for the Lattice Physics Analysis of LWR's," TVA-TR78-03, "Three-Dimensional LWR Core Simulation Methods," and TVA-TR79-01, "Verification of TVA Steady-State BWR Physics Methods." These topical reports describe the analysis methods you propose to employ to calculate core characteristics for light water reactors and the verification of the methods for steady-state characteristics of boiling water reactors. We have reviewed these reports; our evaluations are summarized in enclosures 1, 2 and 3. We find that these reports are acceptable for referencing by TVA.

As we advised you in our letter of June 6, 1978 regarding these topical reports, you will be notified of the fee associated with our review.

Sincerely,

*Thomas A. Ippolito*  
Thomas A. Ippolito, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Enclosures:

1. Evaluation of Rpt TVA-TR78-03
2. Evaluation of Rpt TVA-TR78-02
3. Evaluation of Rpt TVA-TR79-01

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Mr. Hugh C. Parris

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