

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

OCT 25 1988

TVA-SQN-TS-88-28

10 CFR 50.90

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of) Docket No. 50-327
Tennessee Valley Authority)

SEQUOYAH NUCLEAR PLANT (SQN) UNIT 1 - TECHNICAL SPECIFICATION CHANGE 88-28 -
ADDITIONAL INFORMATION

Reference: TVA letter to NRC dated September 21, 1988, "Sequoyah Nuclear
Plant (SQN) Unit 1 - Technical Specification Change 88-28"

The reference transmitted a proposed reduction in the heat flux hot channel factor ($F_0(z)$) from 2.237 to 2.15. The $F_0(z)$ reduction was proposed to obtain additional peak clad temperature (PCT) margin in support of the reduced minimum injected upper head injection (UHI) water volume described in technical specification change 88-20 dated August 15, 1988.

It is TVA's intention to increase the $F_0(z)$ limit back to 2.237 after completion of a supporting analysis by Westinghouse Electric Corporation (W). With the format proposed by technical specification 88-28, increasing $F_0(z)$ would require an additional technical specification change. This additional change would probably be pursued on an expedited schedule, which could result in the inefficient use of TVA and NRC resources.

An alternate format to implementing the $F_0(z)$ reduction is provided as an enclosure. A footnote is used to indicate the temporary reduction in the $F_0(z)$ limit until completion of the supporting W analysis. At that time, the footnote expires, and the limit is increased to 2.237. The footnote can then be deleted at a later time that is prudent for both TVA and NRC. The change in format is an administrative change only and does not alter any of the conclusions drawn in the reference.

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PDR ADOCK 05000327
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U.S. Nuclear Regulatory Commission

Please direct questions concerning this issue to R. R. Thompson at (615) 870-7470.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

R. Gridley
R. Gridley, Manager
Nuclear Licensing and
Regulatory Affairs

Sworn to and subscribed before me
this 25th day of Oct. 1988

Susan Parker
Notary Public
My Commission Expires 2/7/90

Enclosure

cc (Enclosure):

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