



Tennessee Valley Authority Post Office Box 2000, Soddy-Daisy, Tennessee 37379

J. L. Wilson
Vice President, Sequoyah Nuclear Plant

July 21, 1992

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

Gentlemen:

In the Matter of) Docket Nos. 50-327
Tennessee Valley Authority) 50-328

SEQUOYAH NUCLEAR PLANT (SQN) - 10 CFR 50.46 ANNUAL REPORT

Reference: TVA letter to NRC dated July 29, 1991, "Sequoyah Nuclear Plant (SQN) - 10 CFR 50.46 Peak Clad Temperature (PCT) Status Report"

10 CFR 50.46 requires reporting, on at least an annual basis, each change to or error discovered in an acceptable loss-of-coolant accident (LOCA) evaluation model or in the application of such a model that affects the peak clad temperature (PCT) calculation. The purpose of this letter is to provide that report. The above reference supplied SQN's last update.

During the reporting period from July 29, 1991, to July 29, 1992, no additional margin or methodology changes to the LOCA emergency core cooling system model have occurred. Therefore, the large break LOCA PCT remains at 2,043 degrees Fahrenheit (F) and the small break LOCA PCT remains at 2,142 degrees F as previously reported in the referenced letter.

Additionally, it should be noted that other potential issues are still under investigation by Westinghouse Electric Corporation that may impact the PCT for both large and small break LOCAs. The potential issues have had PCT margin temporarily allocated to ensure that the cumulative effects are tracked such that the 10 CFR 50.46 PCT limit of 2,200 degrees F is not exceeded. Upon their resolution, these issues will continue to be reported as appropriate.

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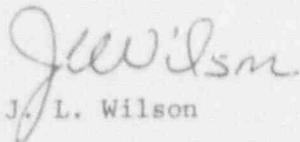
U.S. Nuclear Regulatory Commission

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There are no commitments contained in this submittal. Please direct questions concerning this issue to W. C. Ludwig at (615) 843-7460.

Sincerely,



J. L. Wilson

cc: Mr. D. E. LaBarge, Project Manager
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

NRC Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy Daisy, Tennessee 37379

Mr. B. A. Wilson, Project Chief
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Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323



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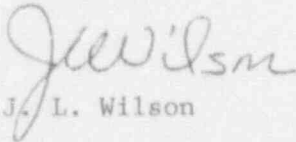
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