



NS-TMA-2432

Westinghouse Electric Corporation Power Systems

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March 26, 1981

Dr. Roger J. Mattson
Director Division of Systems Integration
U.S. Nuclear Regulatory Commission
Phillips Building
7920 Norfolk Avenue
Bethesda, Maryland 20014



Dear Dr. Mattson:

The purpose of this letter is to inform you of changes which will be made to the small break model LOCTA-IV computer program.

Two changes will be made. The first will allow the code internal calculation of the clad heat up rate dependent burst curve to extend to 2⁰F/sec from the previous 5⁰F/sec. Since previous procedures require manual input of temperature ramp rates when below 5⁰F/sec, this change does not represent a modification to the small break burst curve. The second will give the code the capability of handling as many as 30 axial nodes. Presently only 20 nodes may be used although most arrays are dimensioned to 30. The increased array sizes will enable analysts to perform noding sensitivity studies, if necessary, without further updating the code. We do not propose to change the current 19 node design model.

Neither of the above modifications affect results reported in Appendix K, SAR plant analyses.

Very truly yours,

T. M. Anderson, Manager
Nuclear Safety Department

Handwritten initials: TMA 5/10

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