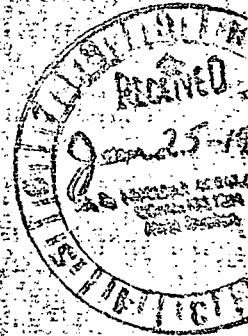
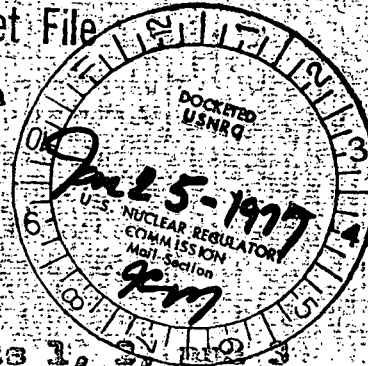


January 19, 1977

Regulatory Docket File

Director of Nuclear Reactor Regulation
Attn: Mr. Dennis L. Ziemann, Chief
Operating Reactors - Branch 2
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



Subject: Dresden Station Units 1, 2, and 3
Quad-Cities Station Units 1 and 2
Impact of Input Errors on 10 CFR 50.46
Appendix K Analysis - IIRC Docket Nos.
50-10/237/249 and 50-254/265

Dear Mr. Ziemann:

As requested by your Staff on January 14, 1977, General Electric Company has provided Commonwealth Edison Company with the detailed impact of errors in the Appendix K analysis for Dresden Units 1, 2, and 3 and Quad-Cities Units 1 and 2.

All errors mentioned in your communication of January 14, 1977, with the exception of the "Pressure Rule", apply to Dresden Units 2 and 3 and Quad-Cities Units 1 and 2. The maximum effect of all input errors is a 6% reduction in the Average Planar Linear Power Generation Rate (APLGR) at points where this value is limited by predicted temperature (PT) considerations.

Commonwealth Edison Company has conservatively applied a 6% reduction for the APLGR limits for all fuel at all exposures. Within two weeks, General Electric Company will provide the final calculations which will provide the bases for the proposed new APLGR limits for the Technical Specifications.

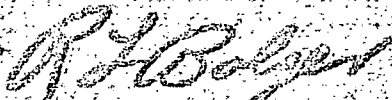
Dresden Unit 1 is not affected by these input errors. For the calculated conditions assumed in the Appendix K calculations, Unit 1 does not reflect and thus "pressure rule" and "vaporization rule" are not applicable. The Dresden Unit 1 fuel is surveyed by a central computer and not a process computer. Double credit "burning" has not been taken in this program.

This information has been discussed by telephone with the
of your staff.

(1) signed original and 50 copies are provided

Please address any further questions on this matter to this

Very truly yours,



R. L. Bolger

Assistant Vice-President