



Department of Energy  
Washington, D.C. 20545

Docket No. 50-537  
HQ:S:83:250

MAY 17 1983

Dr. J. Nelson Grace, Director  
CRBR Program Office  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Dr. Grace:

TRANSMITTAL OF REVISION 5 OF THE CLINCH RIVER BREEDER REACTOR PLANT (CRBRP) -  
3, VOLUME 2, "THERMAL MARGIN BEYOND THE DESIGN BASE (TMBDB)"

Reference: Letter, J. R. Longenecker to P. S. Check, "Submittal of  
Information on TMBDB," dated December 7, 1982

Enclosed are 40 copies of Revision 5 to CRBRP - 3, Volume 2, "TMBDB". The  
information in this revision was transmitted to you earlier in the above  
reference.

This revision incorporates, 1) the isotopic inventory for the heterogeneous  
core, 2) the current meteorology, 3) additional organ doses, and 4) more  
realistic plutonium sparging calculations.

Sincerely,

John R. Longenecker  
Acting Director, Office of  
Breeder Demonstration Projects  
Office of Nuclear Energy

Enclosure

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