



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

cc: Service List
Standard Distribution
Licensing Distribution

8305230113 830517
PDR ADOCK 05000537
A PDR

Doc 1/0
Rec'd w/out Encls