



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUL 18 1979

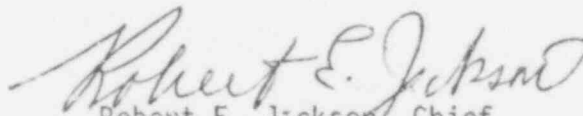
MEMORANDUM FOR: Robert L. Baer, Chief
Light Water Reactors Branch No. 2, DPM

FROM: Robert E. Jackson, Chief
Geosciences Branch, DSS

SUBJECT: CCW TRENCH FAULT, PHIPPS BEND, UNIT 2

PLANT NAME: Phipps Bend Units 1 & 2
LICENSING STAGE: Post CP
DOCKET NUMBERS: 50-553/554
RESPONSIBLE BRANCH: Robert Benedict, LWR-2

The staff received a April 11, 1979 Tennessee Valley Authority (TVA) report entitled Transverse Fault Beneath South CCW Trench in Unit 2 Turbine Building. As per my April 17, 1979 memorandum, the NRC staff has thoroughly reviewed the detailed description of the CCW trench fault, the discussion of the fault's relationship to the regional geology and fault area mapping, as contained in the TVA report, and concurs with the conclusions reached therein. The staff considers the CCW trench fault to be structurally associated with the formation of the Saltville family of faults approximately 250 million years before present. Therefore, the staff considers the fault to be non-capable within the meaning of Appendix A to 10 CFR Part 100.


Robert E. Jackson, Chief
Geosciences Branch
Division of Systems Safety

cc: D. Muller
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