

Docket Nos. 50-259
and 50-260

July 20, 1981



Mr. Hugh G. Parris
Manager of Power
Tennessee Valley Authority
500A Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Dear Mr. Parris:

Reference is made to your submittal of April 9, 1981 (TVA BFNP TS 156) regarding modifications to the electric distribution system for Browns Ferry Unit Nos. 1 and 2. This application was supplemented by letters dated June 8, 1981 and July 2, 1981 supplying additional information requested by our staff. In order to complete our review, we need the additional information identified in the enclosure to this letter.

Sincerely,

Original Signed by
L. A. Ippolito

Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure
Request for Additional Information

cc: See next page
w/enclosure

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Mr. Hugh G. Parris

cc:

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BROWNS FERRY UNIT NOS. 1 and 2
REQUEST FOR ADDITIONAL INFORMATION
DOCKET NOS. 50-259 and 50-260

In order to perform an evaluation of the generator circuit breaker the following additional information is required:

1. Provide a table showing generator circuit breaker design specifications, testing required, tests performed and test results.
2. In the GBB/TVA minutes of meeting of November 18, 1980 you discussed testing for out-of-phase switching. Have these tests been performed? If so, provide the results.
3. In your June 8, 1981 submittal you state that the maximum fault requiring interruption is 145KA and that the breakers are currently rated at 165KA and will be upgraded to 212KA. In reference to the above provide the following:
 - a. What is the basis for the above ratings?
 - b. Provide a time table for completion of the modifications to upgrade the breakers to 212KA.
4. In the GBB minutes of November 14, 1980 you reference tests that have been completed. You state these tests are listed in table II of ANS C37.09-1978. Are these tests the same as in table II of ANSI/IEEE C 37.09-1979?
5. What onsite testing will be accomplished on the generator circuit breakers?
 - a. preoperational test
 - b. periodic tests
 - c. maintenance frequency.
6. When will changes to the FSAR which incorporate the generator breakers be submitted?