

DCID-016

JUL 28 1982

Docket Nos. 50-259
50-260
50-296

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

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Dear Mr. Parris:

RE: Browns Ferry Unit Nos. 1, 2 and 3

Reference is made to your application of March 4, 1982 (TVA BFNP TS 172) for amendments to permit operation of the Browns Ferry units at reduced power with a single recirculation loop in service. To complete our review, we need a response to the enclosed request for additional information. If you wish to expedite our review, your responses can be discussed with our staff and subsequently confirmed by letter.

This request for additional information is specific to one licensee. The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by
Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
As stated

cc w/encl:
See next page

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PDR ADOCK 05000259
P PDR

OFFICE	DL:ORB#2	DL:ORB#2	DL:ORB#2				
SURNAME	SNorris	RJClarkms	DBVassallo				
DATE	7/24/82	7/26/82	7/24/82				

Mr. Hugh G. Parris

cc:

H. S. Sanger, Jr., Esquire
General Counsel
Tennessee Valley Authority
400 Commerce Avenue
E 11B 33 C
Knoxville, Tennessee 37902

Mr. Ron Rogers
Tennessee Valley Authority
400 Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Mr. H. N. Culver
249A HBD
400 Commerce Avenue
Tennessee Valley Authority
Knoxville, Tennessee 37902

Resident Inspector
U. S. Nuclear Regulatory Commission
Route 2, Box 311
Athens, Alabama 35611

Athens Public Library
South and Forrest
Athens, Alabama 35611

Mr. John F. Cox
Tennessee Valley Authority
W9-D 207C
400 Commerce Avenue
Knoxville, Tennessee 37902

George Jones
Tennessee Valley Authority
P. O. Box 2000
Decatur, Alabama 35602

James P. O'Reilly
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

BROWNS FERRY UNIT NOS. 1, 2 AND 3

REQUEST FOR ADDITIONAL INFORMATION

SINGLE LOOP OPERATION

DOCKET NOS. 50-259, 50-260 AND 50-296

1. Describe how the change from normal two recirculation cooling loop operation to single loop operation would be accomplished. What physical, electrical, and/or administrative controls would be employed to satisfy the requirements of BTP EICSB-12 and IEEE Std. 270-4.15 regarding multiple setpoints and their control?
2. Describe changes made to the flow computer to automatically account for magnitude and sense change for reverse flow in the idle loop jet pumps during single loop operations.
3. Is there a requirement for the recirculation flow equalizer valves to be closed and tagged prior to commencing single recirculation loop operation as stated in NEDO-24236 Page 1-1/1-2 and how is this requirement ensured in the technical specification change?
4. Where set point adjustments for single loop operation are required, is sufficient range available on the adjustment mechanisms to keep the new settings within the stable operating portion of the adjusting device?