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 FACIL: 50-260 Browns Ferry Nuclear Power Station, Unit 2, Tennessee 05000260  
 AUTH. NAME AUTHOR AFFILIATION  
 MILLS, L.M. Tennessee Valley Authority  
 RECIP. NAME RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Application for amdn to License DPR-52, changing Tech Specs to accommodate Unit 2, Cycle 6 operation & reflecting plant mods to be performed during refueling outage.

"See Tech Specs" 3 40  
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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 23, 1984

TVA BFNP TS 199

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Denton:

In the Matter of the )  
Tennessee Valley Authority )

Docket No. 50-260

In accordance with the provisions of 10 CFR Parts 50.59 and 50.90, we are enclosing 40 copies of a requested amendment to license DPR-52, to change the technical specifications of Browns Ferry Nuclear Plant unit 2 (enclosure 1). The enclosed technical specifications are needed to accommodate unit 2 cycle 6 operation and to reflect plant modifications to be performed during the refueling outage.

Description and justification for the proposed changes are provided as enclosure 2. Included in the description is General Electric report "Bottled-up Operation of a BWR," NEDO-20697, dated November 1974. Also included is the reload licensing report for unit 2 cycle 6 documenting core loading and analyses performed, TVA-RLR-002.

In accordance with 10 CFR 50.91(a)(1) the determination of no significant hazards consideration is provided as enclosure 3.

The enclosed technical specification revisions are being reviewed concurrently by the Browns Ferry Nuclear Safety Review Board.

Browns Ferry unit 2 is scheduled to complete the cycle 5 outage and to start cycle 6 operation in early January 1985. We, therefore, request NRC staff approval of the enclosed license amendment request by December 18, 1984.

Enclosed is a check for the \$150 amendment fees required by 10 CFR Part 170.12.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager  
Nuclear Licensing

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Subscribed and sworn to before  
me this 23rd day of Aug. 1984.

*Paulette H. White*  
Notary Public  
My Commission Expires 9-5-84

A001  
S/Ad  
w/ check \$150.00  
# 22635

Enclosures

cc: See page 2

An Equal Opportunity Employer

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PDR



Mr. Harold R. Denton

August 23, 1984

cc (Enclosures):

Mr. Charles R. Christopher  
Chairman, Limestone County Commission  
P.O. Box 188  
Athens, Alabama 35611

Dr. Ira L. Myers  
State Health Officer  
State Department of Public Health  
State Office Building  
Montgomery, Alabama 36104

Mr. R. J. Clark  
Browns Ferry Project Manager  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20814

Figure 1 is a line graph showing the percentage of total energy expenditure (TEE) for different activities over a 24-hour period. The Y-axis is 'Percentage of TEE' (0-100) and the X-axis is 'Time of Day' (0-24). The legend indicates: Sleeping (solid line), Sedentary (dashed line), Light (dotted line), Moderate (dash-dot line), and Vigorous (long-dashed line). Sleeping is highest at night (~30-40%). Sedentary is highest in the morning (~20-30%). Light activity is highest in the afternoon (~10-20%). Moderate and Vigorous activities are highest in the afternoon/evening (~10-20%).

100

[illegible]

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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