



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

July 26, 1988

Docket Nos. 50-259/260/296

Mr. S. A. White
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Mr. White:

SUBJECT: INTERIM OPERABILITY CRITERIA FOR THE SEISMIC DESIGN PROGRAM FOR
THE BROWNS FERRY NUCLEAR PLANT, UNIT 2 (TAC 00023, 00296, 00299,
00302)

Enclosed is the staff's Safety Evaluation (SE) for the proposed seismic design program interim operability criteria for the Browns Ferry Nuclear Plant (BFN) Unit 2. The staff's SE addresses the interim operability criteria for seismic qualification of drywell steel platforms, miscellaneous steel, electrical conduit and supports, and heating, ventilation and air conditioning (HVAC) ductwork and supports. In general, the interim criteria appear reasonable for the restart evaluation of BFN Unit 2. However, Section 3.0 of the SE identifies areas of concern that need to be resolved before the program can be approved. Specifically, the staff requests a submittal within 30 days addressing: (1) consideration of the tangential component of the relative seismic displacement between the two ends of the radial platform support beam in the platform evaluation; (2) the use of $F_y/(0.75 \times 2.3)$ as the interim allowable stress for conduit; and (3) buckling criteria for aluminum conduits and HVAC ductwork. In addition, you are to address the staff's other concerns as discussed in Section 3.0 of the SE.

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.

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[Signature]

If you have any questions, please contact the Project Manager, Janet Kelly at (301) 492-0753.

Sincerely,

Original signed by

Suzanne Black, Assistant Director
for Projects
TVA Projects Division
Office of Special Projects.

Enclosure:
Safety Evaluation

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Suzanne Black, Assistant Director
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TVA Projects Division
Office of Special Projects

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