



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

Mark O. Medford
Vice President, Technical Support

November 10, 1993

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority) 50-391

WATTS BAR NUCLEAR PLANT (WBN) UNITS 1 AND 2 - REQUEST FOR EXTENSION OF
CONSTRUCTION PERMITS CPPR-91 AND CPPR-92

By letter dated June 27, 1992, the NRC extended the expiration dates for
Construction Permits CPPR-91 (WBN Unit 1) and CPPR-92 (WBN Unit 2) to
December 31, 1993, and June 30, 1997, respectively. This letter respectfully
requests that the NRC further extend the construction permits to December 31,
1994 (WBN Unit 1), and December 31, 1999 (WBN Unit 2).

TVA was conducting an extensive review of its construction work practices and
the scope of work required to complete WBN when it last requested extension of
the construction permits. The requested extensions were based on the best
estimate then available of the time that would be required to complete the
units. Limited work activities resumed at the plant in late November 1991.
Full scope work activities resumed in June 1992, after TVA management had
concluded, and NRC agreed, that management control of field work was ensuring
quality.

TVA has continued to exercise control over completion activities as necessary
to ensure quality, accuracy, and completeness, even if this meant delays in
schedule. TVA has expanded the scope of work that must be accomplished where
such expansion was necessary to ensure the job is performed correctly. The
most visible such expansion was the decision to perform a comprehensive
Preoperational Testing Program, to ensure that equipment/systems will perform
as designed. This replaced a more limited-scope Prestart Testing Corrective
Action Program Plan that would have relied, to some extent, on preoperational
testing done several years previously. The current effort requires more time,
but will ensure that the plant has been properly completed. The delays
associated with this deliberate program to complete construction provide good
cause for extending the construction permit for WBN Unit 1.

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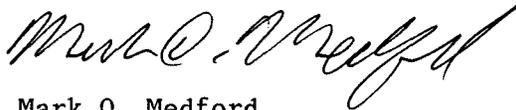
November 10, 1993

TVA is completing the two WBN units sequentially. Work is progressing on Unit 1 and those common systems necessary to support Unit 1 operations. Active work directed toward completion of Unit 2 will not be started until Unit 1 has entered operation successfully. The additional period required to complete Unit 1 therefore necessitates extension of the completion schedule for Unit 2. TVA will complete Unit 2 in a measured and deliberate manner, based upon the experience gained on Unit 1. Thus, good cause also exists for extending the construction permit for WBN Unit 2.

Current plans are for TVA to load fuel at WBN Unit 1 in late summer or early fall 1994. From the foregoing, TVA submits, in accordance with 10 CFR 50.55(b), that good cause exists for the extension of Construction Permits CPPR-91 and CPPR-92 and that extension until December 31, 1994, and December 31, 1999, is for a reasonable period.

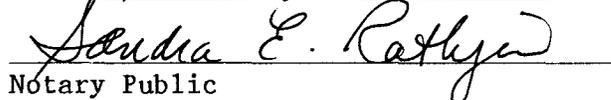
If there are any questions, please telephone me at (615) 751-4776.

Sincerely,



Mark O. Medford

Subscribed and sworn to before me
this 10th day of November 1993


Notary Public

My Commission expires 2/94

cc: NRC Resident Inspector
Watts Bar Nuclear Plant
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