

September 23, 1991

Docket No. 50-390
and 50-391

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

Dear Mr. Nauman:

SUBJECT: WATTS BAR NUCLEAR PLANT, UNITS 1 AND 2 - RELIEF FROM ASME CODE
SECTION III, SUBSECTION NB-2000 (TACS NOS. 80141, 80142)

By letter dated April 11, 1991, Mr. E. G. Wallace of your staff, requested NRC authorization to use an alternative to the testing requirements of Section III, Subsection ND-2000 of the ASME Boiler and Pressure Vessel Code. Specifically, this request concerns pipe fittings supplied by Tube-Line Corporation.

We have reviewed your submittal (part of our review was done at the site August 12-13, 1991) and conclude that re-radiographing of the affected pipe fittings poses a hardship, and that the performance of engineering analysis and re-radiographing of a single 8- by 10-inch reducer (which did not pass the analysis) provide an acceptable alternative for the affected fittings. Based upon the results of this review, and the requirements of 10 CFR 50.55a(a)(3), the NRC grants TVA relief from the specific ASME Code requirements requested in TVA's letter of April 11, 1991. Details may be found in the enclosed safety evaluation. This completes our work generated by your request.

Sincerely,

Original signed by
David E. LaBarge for

Frederick J. Hebdon, Director
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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