

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

August 17, 1983

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)	Docket Nos. 50-259
Tennessee Valley Authority)	50-260
		50-296

By my letter to you dated July 1, 1983, we informed you that the feedwater low-flow controller and reactor water cleanup system crosstie modification detailed in NUREG-0619 are not required for the Browns Ferry Nuclear Plant. Enclosed is the report detailing the Browns Ferry specific analysis performed by NUTECH (enclosure 1).

Based on the analysis we have formulated an overall plan for final resolution of the feedwater nozzle cracking problem and continued monitoring of the operational condition of the nozzles to ensure nozzle integrity over the remaining life of the Browns Ferry units. This plan is detailed in enclosure 2 for each of the NUREG-0619 items regarding feedwater nozzle cracking.

In the plan described in enclosure 2, we propose an alternative to the dye-penetrant examination interval of NUREG-0619. Justification for that alternative is included. We request that the NRC staff review the proposed alternative and formally respond to TVA in writing.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

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

Sworn to and subscribed before
me this 17th day of Aug. 1983.

Bryant M. Lowery
Notary Public

My Commission Expires 1/8/86

Enclosures
cc: See page 2

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Mr. Harold R. Denton

August 17, 1983

cc (Enclosures):

U.S. Nuclear Regulatory Commission
Region II
ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

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