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 FACIL: 50-259 Browns Ferry Nuclear Power Station, Unit 1, Tennessee 05000259
 50-260 Browns Ferry Nuclear Power Station, Unit 2, Tennessee 05000260
 50-296 Browns Ferry Nuclear Power Station, Unit 3, Tennessee 05000296

AUTH. NAME: AUTHOR AFFILIATION
 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME: RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards revised request for relief from ASME Section XI hydrostatic pressure testing program requirements. Piping will be tested at some time as hydrostatic test for Class 1 reactor vessel & associated piping.

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 NMSS/FCAF 1cy, 1cy NMSS/FCAF/PM. 05000296
 OL: 07/02/76

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INTERNAL:	ADM/LFMB				1	0	1	0
	NRR/DE/MEB	15			1	1	1	1
	NRR/DL/TAPMG				1	1	1	1
	RGN2				1	1	1	1
EXTERNAL:	ACRS	16			10	10	03	1
	NRC PDR	02			1	1	05	1
	NTIS				1	1		
NOTES:					2	2		

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5800 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 19, 1984

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

Dear Denton:

In the Matter of the) Docket Nos. 50-259
Tennessee Valley Authority) 50-260
50-296

By letters dated November 3, 1978, March 20, July 3, July 11, 1979, and January 23, 1981 TVA submitted the ASME Section XI hydrostatic pressure testing program for Browns Ferry Nuclear Plant units 1, 2, and 3. In those submittals we included the requests for relief from code requirements needed for Browns Ferry. Enclosed is a revised request for relief H-3 to supercede that request made in the above-referenced submittals.

If you have any questions regarding this matter, please get in touch with us through the Browns Ferry Project Manager.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

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

Sworn to and subscribed before
me this 19th day of Oct. 1984.

Paulette N. White
Notary Public
My Commission Expires 8-24-88

Enclosure
cc: See page 2

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THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

REPORT OF THE

COMMISSION

ON THE

PROGRESS OF THE

RESEARCH

PROGRAM

ON

THE

PHYSICS OF

THE

UNIVERSITY OF CHICAGO

Mr. Harold R. Denton

October 19, 1984

cc (Enclosure):

U.S. Nuclear Regulatory Commission
Region II
ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 2900
Atlanta, Georgia 30323

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



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ENCLOSURE
BROWNS FERRY NUCLEAR PLANT HYDROSTATIC TESTING PRESSURE

REQUEST FOR RELIEF H-3

- SYSTEM - Main Steam beyond out-board MSIV; steam to Reactor Feed Pump Turbines, SJAE, Off-Gas Preheater; Core Spray (high pressure piping downstream of FCV 75-23 and FCV 75-51); RHR (high pressure piping downstream of FCV 74-52 and FCV 74-66); HPCI (piping downstream of FCV 73-44); RCIC (piping downstream of FCV 71-39); and CRD (3/4 inch piping between valves FCV 84-39B* and 85-617* and 1-inch and 1/2-inch piping between valves FCV 84-39A*, 85-589*, 85-590*, and the hydraulic accumulators).
- CLASS - 2
- TEST REQUIREMENT - Hydro at 1.25 x Design Pressure
- BASIS FOR RELIEF - This piping will be tested at the same time as the hydrostatic test for the Class 1 reactor vessel and associated piping, due to valve locations and insufficient test connections to test to higher pressures.
- Pressurization of the portions of Class 2 CRD to 1.25 x design pressure could result in damage to the drive unit tubes if a scram signal was received during the test and the boundary valves opened.
- ALTERNATE TESTING - The portions of the Class 2 systems identified above will be hydrostatically tested in conjunction with the Class 1 reactor vessel hydrostatic test at the appropriate Class 1 pressure.

*There are 185 valves with this number which are denoted by -1 through -185 after the flow diagram number.

