

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

January 12, 1983

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

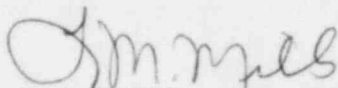
Dear Mr. Denton:

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

By letter from D. B. Vassallo to H. G. Parris dated November 15, 1982, we received a request for additional information regarding NUREG-0737 Items I.A.2.1.4 and II.B.4 for the Browns Ferry Nuclear Plant. Enclosed is our response to that request. This supplements the information provided in my letter to D. B. Vassallo dated May 6, 1982.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


L. M. Mills, Manager
Nuclear Licensing

Subscribed and sworn to before
me this 12th day of Jan. 1983.

Paulette H. White
Notary Public
My Commission Expires 9-5-84

Enclosure

cc (Enclosure):

U.S. Nuclear Regulatory Commission
Region II
ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

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

A046

ENCLOSURE
RESPONSE TO D. B. VASSALLO'S LETTER TO H. G. PARRIS
DATED NOVEMBER 15, 1982
NUREG-0737 ITEMS I.A.2.1.4 AND II.B.4
BROWNS FERRY NUCLEAR PLANT

1. QUESTION

Item II.B.4 of NUREG-0737 requires shift technical advisors and operating personnel from the plant manager through the operations chain to receive the training identified in Enclosure 3 to Denton's letter dated March 28, 1980. (Letter dated March 28, 1980 from Harold R. Denton, USNRC to "All Power Reactor Applicants and Licensees" concerning qualifications of reactor operators.) The TVA response to NRR dated May 6, 1982, does not include the plant superintendent and assistant plant superintendents in the personnel that receive this training. Describe the training program that is provided to the plant superintendent and assistant plant superintendents that covers the subject matter contained in Enclosure 3 to Denton's letter.

RESPONSE

TVA does not provide training in the mitigation of core damage to either the plant superintendent or the assistant superintendents. It is TVA's position that this training is not needed because the superintendent and assistants do not perform an active role in the event which might cause core damage.

2. QUESTION

TVA correspondence to NRR dated May 6, 1982, stated in response to Questions 5 and 6 that 32 hours of retraining is provided in the operator requalification program and 16 hours of specific mitigating core damage training. Additionally, TVA stated that the total combined hours of training meet or exceed 80 contact hours. Please clarify this area of apparent conflict; i.e., 48 hours vice 80 hours. In addition, please identify how many hours of training are provided in each area in the initial operator training program.

RESPONSE

Training provided by TVA in the areas of mitigating core damage, heat transfer, fluid flow, and thermodynamics exceeds 80 hours. As requested, the breakdown is as follows:

Initial Operator Training Program

| | |
|----------------------------------|-----------------|
| Heat Transfer and Fuel Integrity | 8 hours |
| Thermodynamics | 42 hours |
| Reactor Flux Distribution | 8 hours |
| Reactor Incore Instrumentation | <u>32 hours</u> |
| Total | 90 hours |

1980 and 1981 Requalification Program

Heat Transfer, Fluid Flow, and Thermodynamics 32 hours

Special Training

Mitigation of Core Damage 16 hours

Total hours given in this area are: 138 contact hours