



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35899

MAR 20 1991

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

Gentlemen:

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

BROWNS FERRY NUCLEAR PLANT (BFN) - ENVIRONMENTAL QUALIFICATION (EQ) PROGRAM STATUS

The purpose of this letter is to provide the status of BFN's EQ program as requested by NRC per telecon on March 13, 1991.

During the week of June 25, 1990, the NRC staff performed an inspection of BFN's EQ program. At that time, the EQ program was 75 percent complete and the NRC Staff informed TVA that a final inspection would be performed prior to the restart of BFN Unit 2. The final EQ inspection by NRC has been tentatively scheduled for March 25, 1991.

In order to assist the NRC staff in its preparation for the inspection, TVA is providing a status of the following areas: drywell work, EQ binders, essentially mild (EM) calculations, maintenance baselines, and design change notices.

Drywell Work: The remaining EQ-related drywell work is primarily associated with the replacement of the main steam isolation valve (MSIV) limit switches, installation of cable terminations and conduit seals on the main steam relief valves (MSRVs), and completion of installation of the MSRV acoustic monitors. This work is scheduled for completion after hydrostatic testing. Additionally, there are approximately 25 other items (e.g., repairs to flex conduit) that are being worked and are scheduled to be completed before March 25, 1991.

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EQ Binders: There are 84 EQ binders at BFN Unit 2. At present, 62 binders are complete. Additionally, 12 binders are scheduled for completion prior to March 25, 1991. The remaining 10 binders are associated with the drywell work on the MSIVs, MSRVs and the MSRv acoustic monitors.

EM Calculations: There are 10 EM calculations at BFN Unit 2. At present all calculations are complete. However, two calculations are being revised: one is scheduled for completion by March 22, 1991, the remaining calculation is scheduled for completion by March 29, 1991.

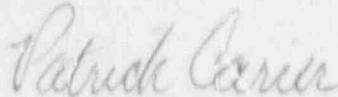
Maintenance Baselines: A maintenance baseline is the documentation that a specific qualification maintenance data sheet activity (or "baseline activity") has been performed. For example, if two splices were required on one component then this would count as two "baseline activities." There are approximately 700 "baseline activities" remaining out of approximately 9,500; the majority of these activities are related to the main steam system.

Design Change Notices: There are 3 open EQ-related design change notices. These are associated with the drywell work on the MSRVs and the MSRv acoustic monitors.

If there are any questions, please telephone me at (205) 729-3566.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



Patrick P. Carrier  
Manager, Site Licensing

cc (see page 3)

U.S. Nuclear Regulatory Commission

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cc :

Ms. S. C. Black, Deputy Director  
Project Directorate II-4  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike,  
Rockville, Maryland 20852

NR's Resident Inspector  
Briggs Ferry Nuclear Plant  
Route 14, Box 637  
Athens Alabama 35609-2000

Mr. Timothy M. Ross, Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852

Mr. B. A. Wilson, Project Chief  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323