



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

June 30, 1989

Docket Nos. 50-259, 50-260  
and 50-296

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

Dear Mr. Kingsley:

SUBJECT: INSPECTION REPORT NOS. 50-259/89-07, 50-260/89-07 AND 50-296/89-07

An NRC team inspection was conducted February 27 through March 10, 1989 to review the implementation of the Browns Ferry Nuclear Plant (BFN) Design Baseline and Verification Program (DBVP) at TVA's Engineering Offices in Knoxville. During the inspection, the NRC team reviewed the status of open items from the first and second NRC team inspection of the DBVP, a sample of engineering calculations, design change control documents, and configuration control drawings. The NRC team also interviewed cognizant TVA personnel about TVA's implementation effort of the BFN DBVP.

The NRC team noted no significant deviations from the requirements of the BFN DBVP. Most of the deficiencies noted during this inspection were previously identified by TVA and the associated corrective actions were tracked by the DBVP punchlist report. Therefore, the NRC team concludes that, in general, TVA is adequately implementing the BFN DBVP for those essential systems required to safely shutdown the plant. Upon successful completion of the DBVP, the NRC team concludes that the plant configuration will be in conformance with the design basis. The staff plans to verify successful implementation of the DBVP through a vertical slice inspection when the BFN restart activities are in the final stages of completion. Also, the staff will evaluate the reconstituted design basis against licensing criteria.

The NRC team was also able to close 31 items left open after the first and second NRC team inspection. However, the NRC team identified several items that TVA needs to address.

The enclosed inspection report details the scope, objectives, and findings of the NRC inspection team and identifies the areas examined during the inspection (Enclosure 1). Your attention is invited to the items detailed in Section 3, Summary, of the Inspection Report. Your response for these items is requested within 30 days of receipt of this letter.

The responses directed by this letter and its enclosure are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 86-511.

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Mr. Oliver D. Kingsley, Jr.

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In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosure will be placed in the NRC Public Document Room. If there are any questions concerning this inspection, please contact this office.

Sincerely,

Original signed by

B. D. Liaw, Director  
TVA Projects Division  
Office of Nuclear Reactor Regulation

Enclosure:  
Inspection Report Nos. 50-259/89-07,  
50-260/89-07, 50-296/89-07

cc w/enclosure:  
See next page

OFC	: TVA:EB	: TVA:EB/BC	: TVA:ROB/BC	: TVA:AD/P	: TVA:AD/P	: HRR:TVA/D
NAME	: GGeorgiev:ye:	DTerao	EMarinos	RPierson	SBlack	BDLiaw
DATE	: 6/14/89	: 6/14/89	: 6/15/89	: 6/19/89	: 6/30/89	: 6/20/89



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Mr. Oliver D. Kingsley, Jr.

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Mr. Oliver D. Kingsley, Jr.

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Inspection Team

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