

January 13, 1997

Tennessee Valley Authority  
ATTN: Mr. Oliver D. Kingsley, Jr.  
President, TVA Nuclear and  
Chief Nuclear Officer  
6A Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

SUBJECT: NOTICE OF VIOLATION  
(NRC INSPECTION REPORT NO. 50-327/96-16 AND 50-328/96-16)

Dear Mr. Kingsley:

An NRC inspection was conducted on September 23-27, 1996, November 4-22, 1996, and December 16-19, 1996, at your Sequoyah facility. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. At the conclusion of the inspection the findings were discussed with those members of your staff identified in the enclosed report.

Areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress.

Based on the results of this inspection, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice of Violation (Notice). The violation is of concern because it is indicative of inadequate implementation of your design control program. Four unresolved items were also identified in connection with the use of high burnup fuel having average core exposure of 1000 Effective Full Power Days (EFPD). We are requesting a meeting with TVA to obtain additional information for resolution of these unresolved items.

The responses directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96-511.

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PDR ADOCK 05000327  
G PDR

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Sincerely,

Original signed by  
Charles A. Casto

Charles A. Casto, Chief  
Engineering Branch  
Division of Reactor Safety

Docket Nos. 50-327, 50-328  
License Nos. DPR-77, DPR-79

Enclosures: 1. Notice of Violation  
2. NRC Inspection Report

cc w/encls:

O. J. Zeringue, Senior VP  
Nuclear Operations  
Tennessee Valley Authority  
6A Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

Dr. Mark O. Medford, VP  
Technical Services  
Tennessee Valley Authority  
6A Lookout Place  
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R. J. Adney  
Site Vice President  
Sequoyah Nuclear Plant  
Tennessee Valley Authority  
P. O. Box 2000  
Soddy-Daisy, TN 37379

General Counsel  
Tennessee Valley Authority  
ET 10H  
400 West Summit Hill Drive  
Knoxville, TN 37902

Raul R. Baron, General Manager  
Nuclear Assurance and Licensing  
Tennessee Valley Authority  
4J Blue Ridge  
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Pedro Salas, Manager  
Licensing and Industry Affairs  
Tennessee Valley Authority  
4J Blue Ridge  
1101 Market Street  
Chattanooga, TN 37402-2801

(cc w/encls cont'd - See page 3)

(cc w/encis cont'd)

Ralph H. Shell, Manager  
Licensing and Industry Affairs  
Sequoyah Nuclear Plant  
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Soddy-Daisy, TN 37379

J. T. Herron, Plant Manager  
Sequoyah Nuclear Plant  
Tennessee Valley Authority  
P. O. Box 2000  
Soddy Daisy, TN 37379

Michael H. Mobley, Director  
Division of Radiological Health  
3rd Floor, L and C Annex  
401 Church Street  
Nashville, TN 37243-1532

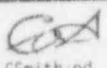
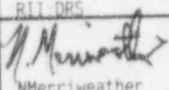


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Hamilton County Courthouse  
Chattanooga, TN 37402

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NRC Resident Inspector, Operations  
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NRC Resident Inspector  
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