

September 20, 1994

*official copy*

Tennessee Valley Authority  
ATTN: 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 NOS. 50-390/94-53, 50-391/94-53)

Gentlemen:

This refers to the NRC inspection of the implementation of the Cable and Electrical Issues Corrective Action Programs (CAP) conducted by J. F. Lara on July 18 through 22 and August 1 through 5, 1994. The inspection included a review of activities authorized for your Watts Bar facility. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed report.

The inspection focused on the verification that the completed corrective actions were adequately implemented in accordance with the approved CAPs. Particular emphasis was placed on the field verification of those completed activities. Areas examined during the inspection are identified in the enclosed report. Within these areas, the inspection consisted of selective examinations of electrical system calculations, work implementing documents, 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). In addition, the enclosed Inspection Report identifies Watts Bar Unit 2 activities that violated NRC requirements that will not be subject to enforcement action because your efforts in correcting the violation meet the criteria specified in Section VII.B of the Enforcement Policy.

Although significant progress has been made in the implementation of the CAP corrective actions, this was overshadowed by the inadequate implementation of corrective actions in some of the technical areas. The overall inspection findings for both CAPs indicate general problems in the area of electrical system and component modifications. Because the problems were identified in these highly visible, comprehensive corrective action programs, it is of concern that similar problems may exist in other non-CAP associated electrical system modifications. Your corrective actions to address the identified deficiencies and concerns should focus on ensuring not only that the identified deficiencies are adequately resolved but also that corrective actions for other non-CAP electrical system problem areas are adequately implemented.

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You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

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

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. 96-511.

Should you have any questions concerning this letter, please contact us.

Sincerely,

**Original Signed By:**  
**J. P. Jaudon**

Johns P. Jaudon, Acting Deputy Director  
Division of Reactor Projects

Docket Nos. 50-390 and 50-391  
License Nos. CPPR-91 and CPPR-92

Enclosures: 1. Notice of Violation  
2. NRC Inspection Report  
w/Attachments A-G

cc w/encls: (See page 3)

TVA

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cc w/encls:

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The Honorable Garland Lanksford  
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