

*Original*

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

APR 18 1994

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

Gentlemen:

SUBJECT: NOTICE OF VIOLATION  
(NRC INSPECTION REPORT NOS. 50-390/94-18 AND 50-391/94-18)

This refers to the NRC inspection conducted by G. A. Walton and P. K. Van Doorn on February 20 through March 19, 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.

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). One of the violations of particular concern regards the implementation of the Electrical Issues Corrective Action Program (CAP). The inspection results indicate that, notwithstanding a 100 percent walkdown of Class 1E conduits and established procedural controls, numerous violations of raceway physical separation requirements continue to exist. It is essential that corrective actions developed to address the violation be comprehensive and provide assurance that the Electrical Issues Corrective Action Program has been adequately implemented. Of additional concern is the fact that your Quality Assurance organization had performed minimal assessments to confirm the adequacy and completeness of the Class 1E conduit walkdowns. Also during this inspection, several additional examples were identified of a violation documented in NRC Inspection Report 50-390, 391/94-11, involving damaged, loose and missing hardware. We require that you address the new examples in your response to this violation.

Based on the very limited sample of environmentally qualified records and hardware, there are indications that there may be discrepancies in this area. You are advised that discrepancies in this area must be resolved prior to licensing.

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

9405230106 940418  
PDR ADOCK 05000390  
G PDR

JEQ1

Tennessee Valley Authority

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

Enclosures:

1. Notice of Violation
2. NRC Inspection Report  
w/Attachment

cc w/encls: (See page 3)

Tennessee Valley Authority

3

cc w/encls:

Mr. Craven Crowell, Chairman  
Tennessee Valley Authority  
ET 12A  
400 West Summit Hill Drive  
Knoxville, TN 37902

Mr. W. H. Kennoy, Director  
Tennessee Valley Authority  
ET 12A  
400 West Summit Hill Drive  
Knoxville, TN 37902

Mr. Johnny H. Hayes, Director  
Tennessee Valley Authority  
ET 12A  
400 West Summit Hill Drive  
Knoxville, TN 37402-2801

Dr. Mark O. Medford, Vice Pres.  
Technical Support  
Tennessee Valley Authority  
3B Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

Mr. D. E. Nunn, Vice President  
Nuclear Projects  
Tennessee Valley Authority  
3B Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

Mr. W. J. Museler, Site Vice Pres.  
Watts Bar Nuclear Plant  
Tennessee Valley Authority  
Route 2, P. O. Box 2000  
Spring City, TN 37381

General Counsel  
Tennessee Valley Authority  
ET 11H  
400 West Summit Hill Drive  
Knoxville, TN 37902

Mr. B. S. Schofield, Manager  
Nuclear Licensing and  
Regulatory Affairs  
4G Blue Ridge  
1101 Market Street  
Chattanooga, TN 37402-2801

TVA Representative  
Tennessee Valley Authority  
11921 Rockville Pike  
Suite 402  
Rockville, MD 20852

Mr. G. L. Pannell  
Site Licensing Manager  
Watts Bar Nuclear Plant  
Tennessee Valley Authority  
Route 2, P. O. Box 2000  
Spring City, TN 37381

Mr. Roger W. Huston  
Tennessee Valley Authority  
11921 Rockville Pike  
Suite 402  
Rockville, MD 20852

The Honorable Robert Aikman  
County Executive  
Meigs County Courthouse  
Decatur, TN 37322

The Honorable Garland Lanksford  
County Executive  
Meigs County Courthouse  
Decatur, TN 37322

Danielle Droitsch  
Energy Project  
The Foundation for Global  
Sustainability  
P. O. Box 1101  
Knoxville, TN 37901

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

Mr. Bill Harris  
Route 1, Box 26  
Ten Mile, TN 37880

bcc w/encls: (See page 4)

bcc w/encls:

- S. D. Ebnetter, ORA/RII
- E. W. Merschhoff, DRP/RII
- A. F. Gibson, DRS/RII
- B. S. Mallett, DRSS/RII
- F. J. Hebdon, NRR
- J. R. Johnson, DRP/RII
- G. C. Lainas, NRR
- B. M. Bordenick, OGC
- M. S. Callahan, GPA/CA
- L. C. Plisco, OEDO
- P. E. Fredrickson, DRP/RII
- P. S. Tam, NRR
- P. A. Taylor, DRS/RII
- ✓ NRC Document Control Desk

NRC Resident Inspector  
 U.S. Nuclear Regulatory Commission  
 Route 2, Box 700  
 Spring City, TN 37381

RII:DRP  
*BAR*  
 GWalton  
 04/18/94

RII:DRP  
*PKV*  
 PVan Doorn  
 04/14/94

RII:DRP  
*[Signature]*  
 PFredrickson  
 04/17/94

RII:DRS  
*[Signature]*  
 PFillion  
 04/16/94  
*Per Dan*