

Official copy

November 10, 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

SUBJECT: NOTICE OF VIOLATION
(NRC INSPECTION REPORT NOS. 50-390/94-72 AND 50-391/94-72)

Gentlemen:

This refers to the special NRC inspection conducted by G. A. Walton and P. K. Van Doorn on October 7 through October 14, 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.

This special NRC inspection involved review of corrective actions to previously identified inspection findings. Within these areas, the inspection consisted of selective examinations of procedures, condition adverse to quality reports, work implementing documents, 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 deficiencies discussed within the enclosed inspection report were the subject of an NRC and TVA management meeting held at the NRC Rockville offices on October 19, 1994. As discussed during the meeting, the NRC continues to identify significant problems with the implementation of corrective actions. One of the identified violation examples deals with the use of 600 V rated splice connectors in safety-related 6900 V applications. This same technical concern was first identified in 1986 and remains unresolved. The overall common element to the identified deficiencies indicates a lack of management involvement in assuring minimum quality standards are achieved.

Some of the examples of the violations contained herein are considered repetitive in that they are similar to previous violations cited. Even though they have been categorized at Severity Level IV in this report, we consider the lack of effective corrective action to preclude recurrence to be a serious matter. Accordingly, you are advised that if further violations occur because your corrective action was ineffective, more significant enforcement action will be taken.

280011

9411290081 941110
PDR ADDCK 05000390
Q PDR

TEO 1

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/Attachment

cc w/encls: (See page 3)

cc w/encls:

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

Mr. W. H. Kenney, 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 37902

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

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

Mr. J. A. Scalice, Site Vice Pres.
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

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

Mr. R. W. Huston, Manager
Nuclear Licensing and
Regulatory Affairs
4G Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Mr. B. S. Schofield
Site Licensing Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

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

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

The Honorable Robert Aikman
County Executive
Rhea County Courthouse
Dayton, TN 37321

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

Distribution: (See page 4)

TVA

4

Distribution w/encls:

S. D. Ebnetter, ORA/RII
 E. W. Merschoff, DRP/RII
 A. F. Gibson, DRS/RII
 J. P. Stohr, DRSS/RII
 F. J. Hebdon, NRR
 A. P. Hodgdon, OGC
 B. K. Keeling, GPA/CA
 G. M. Tracy, OEDO
 P. S. Tam, NRR
 NRC Document Control Desk

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

SEND	OFC	DRP/RII	DRP/RII	DRP/RII	DRP/RII	DRP/RII
TO	NAME	PFredrickson:vyg	GWalton	PVanDoorn	MGlasman	JLara
PDR?	DATE	11/ 8 /94	11/ /94	11/ /94	11/ /94	11/ /94
Yes No	COPY?	Yes No	Yes No	Yes No	Yes No	Yes No

SEND	OFC	DRP/RII	Contractor	Contractor	Contractor	
TO	NAME	ARuff:vyg	WMarini	DMyers	KVanDyne	
PDR?	DATE	11/ 3 /94	11/ /94	11/ /94	11/ /94	11/ /94
Yes No	COPY?	Yes No	Yes No	Yes No	Yes No	Yes No

OFFICIAL RECORD COPY

DOCUMENT NAME: G\SEC4B\94-72.WBN

TVA

4

Distribution w/encs:

S. D. Ebnetter, ORA/RII
 E. W. Merschoff, DRP/RII
 A. F. Gibson, DRS/RII
 J. P. Stohr, DRSS/RII
 F. J. Hebdon, NRR
 A. P. Hodgdon, OGC
 B. K. Keeling, GPA/CA
 G. M. Tracy, OEDO
 P. S. Tam, NRR
 NRC Document Control Desk

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

SEND	OFC	DRP/RII	DRP/RII	DRP/RII	DRP/RII	DRP/RII
TO	NAME	PFredrickson:vyg	GWalton <i>W. Walton</i>	PVanDoorn <i>P. VanDoorn</i>	MGleam <i>M. Gleam</i>	ULara <i>U. Lara</i>
PDR?	DATE	11/ /94	11/ 9 /94	11/ 9 /94	11/ 9 /94	11/ 8 /94
Yes	No	COPY?	Yes	No	Yes	No
Yes	No	COPY?	Yes	No	Yes	No
SEND	OFC	DRP/RII	Contractor	Contractor	Contractor	
TO	NAME	ARuff:vyg	WMarini <i>W. Marini</i>	DMyers <i>D. Myers</i>	KVanDyne <i>K. VanDyne</i>	
PDR?	DATE	11/ /94	11/ 8 /94	11/ 08 /94	11/ 08 /94	11/ /94
Yes	No	COPY?	Yes	No	Yes	No
Yes	No	COPY?	Yes	No	Yes	No

OFFICIAL RECORD COPY DOCUMENT NAME: G\SEC4B\94-72.WBN

* RI 903 regarding repeat violations needs to be implemented
 including a panel and appeal mechanism.