

*official copy*

JUN 28 1994

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

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

Gentlemen:

SUBJECT: NOTICE OF VIOLATION  
(NRC INSPECTION REPORT NOS. 50-390/94-42 AND 50-391/94-42)

This refers to the inspection conducted by P. K. Van Doorn and other inspectors of this office from May 8 through June 4, 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). 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.

This report describes several safety related components that did not perform correctly during hot functional testing. In addition to the response required for the Notice, NRC requests you respond within 60 days of the date of this letter to inform the NRC what your plans are for retesting equipment after repairs. NRC is particularly concerned about the unreliability of the auxiliary feedwater system as demonstrated during hot functional testing and described in this report.

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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

cc w/encl: (See page 3)

Tennessee Valley Authority

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cc w/encls:

Mr. Craven Crowell, Chairman  
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The Honorable Robert Aikman  
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Dayton, TN 37321

The Honorable Garland Lanksford  
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bcc w/encls: (See page 4)

Tennessee Valley Authority

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bcc w/encls:

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- E. W. Merschhoff, DRP/RII
- A. F. Gibson, DRS/RII
- J. P. Stohr, DRSS/RII
- F. J. Hebdon, NRR
- G. C. Lainas, NRR
- A. P. Hodgdon, OGC
- B. K. Keeling, GPA/CA
- RII Coordinator, OEDO
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- NRC Document Control Desk

NRC Resident Inspector  
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 Route 2, Box 700  
 Spring City, TN 37381

SEND	OFC	DRP/RII	DRP/RII	DRP/RII	DRP/RII	DRP/RII
TO	NAME	<i>Pat</i> PTaylor:vyg	NMerriweather	CSmith	CJulian	KVarDoorn
PDR?	DATE	06/23/94	06/ /94	06/ /94	06/ /94	06/ /94
Yes	No	COPY?	Yes	No	Yes	No
SEND	OFC	NRC Contractor	NRC Contractor	NRC Contractor	NRC Contractor	NRC Contractor
TO	NAME	JAgles	JCummins	RGilbert	JGreene	KMiller
PDR?	DATE	06/ /94	06/ /94	06/ /94	06/ /94	06/ /94
Yes	No	COPY?	Yes	No	Yes	No
SEND	OFC	NRC Contractor				
TO	NAME	BSmith				
PDR?	DATE	06/ /94	/ /94	/ /94	/ /94	/ /94
Yes	No	COPY?	Yes	No	Yes	No