

official copy

December 5, 1994

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

SUBJECT: NOTICE OF VIOLATION AND NOTICE OF DEVIATION
(NRC INSPECTION REPORT NOS. 50-390/94-73 AND 50-391/94-73)

Gentlemen:

This refers to the inspection conducted by P. K. Van Doorn and other inspectors of this office from October 9 to November 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.

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, and other activities appeared to deviate from commitments to the NRC, as specified in the enclosed Notice of Violation and Notice of Deviation. The violations described in the enclosed Notice of Violation involved inadequate procedures for preoperational testing and failure to follow procedures for equipment clearance. The deviation described in the enclosed Notice of Deviation involved failure to implement a construction deficiency report commitment regarding boron dilution mitigation.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice of Violation 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 these Notices, 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.

You are requested to response to the enclosed Notice of Deviation, following the instructions contained therein.

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.

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The responses directed by this letter and the enclosed Notices 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, 50-391
License Nos. CPPR-91, CPPR-92

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

cc w/encls: (See page 3)

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cc w/encls:

Dr. Mark O. Medford, Vice President
Engineering & Technical Services
Tennessee Valley Authority
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1101 Market Street
Chattanooga, TN 37402-2801

Mr. D. E. Nunn, Vice President
New Plant Completion
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Mr. J. A. Scalice, Site Vice President
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Mr. B. S. Schofield
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Watts Bar Nuclear Plant
Tennessee Valley Authority
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TVA Representative
Tennessee Valley Authority
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Rockville, MD 20852

The Honorable Robert Aikman
County Executive
Rhea County Courthouse
Dayton, TN 37381

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

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

Distribution w/encls: (See page 4)

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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	PTaylor:vyg <i>bat</i>	CJulian <i>CF</i>	NMerriweather	CSmith	GMacDonald
PDR?	DATE	12/ 2 /94	12/ 3 /94	12/ /94	12/ /94	12/ /94
Yes No	COPY?	Yes No	Yes No	Yes No	Yes No	Yes No
SEND	OFC	DRP/RII	DRP/RII	DRP/RII	Contractor	Contractor
TO	NAME	PVanDoorn <i>Alfa</i>	MMorgan	DRoberts	JAgles	JCummins
PDR?	DATE	12/ /94	12/ /94	12/ /94	12/ /94	12/ /94
Yes No	COPY?	Yes No	Yes No	Yes No	Yes No	Yes No
SEND	OFC	Contractor	Contractor	Contractor	Contractor	
TO	NAME	RGilbert	JGreene	KMiller	BSmith	
PDR?	DATE	12/ /94	12/ /94	12/ /94	12/ /94	/ /94
Yes No	COPY?	Yes No	Yes No	Yes No	Yes No	Yes No

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SEND	OFC	DRP/RII	DRP/RII	DRP/RII	DRP/RII	DRP/RII
TO	NAME	PTaylor:vyg	GJulian	NMerriweather	CSmith	GMacDonald
PDR?	DATE	12/ /94	12/ /94	12/ /94	12/ /94	12/ /94
Yes	No	COPY?	Yes	No	Yes	No
SEND	OFC	DRP/RII	DRP/RII	DRP/RII	Contractor	Contractor
TO	NAME	PVanDoorn <i>DKV</i>	MMorgan	DRoberts	JAgles <i>Jan</i>	JCummins <i>JCC</i>
PDR?	DATE	12/ 6 /94	12/ /94	12/ /94	12/ 06 /94	12/ 6 /94
Yes	No	COPY?	Yes	No	Yes	No
SEND	OFC	Contractor	Contractor	Contractor	Contractor	DRP/RII
TO	NAME	RGilbert <i>(DH)</i>	JGreen <i>JH</i>	KMiller <i>KM</i>	BSmith <i>SEC for</i>	D.Taylor <i>DAT</i>
PDR?	DATE	12/ 6 /94	12/ 6 /94	12/ 6 /94	12/ 6 /94	12/ 8 /94
Yes	No	COPY?	Yes	No	Yes	No

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DOCUMENT NAME: G:\SECAC\1R94-73.OPS