

April 14, 1997

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

SUBJECT: NRC INTEGRATED INSPECTION REPORT NOS. 50-390/97-01, 50-391/97-01
AND NOTICE OF VIOLATION

Dear Mr. Kingsley:

This refers to the inspection conducted on February 2 through March 15, 1997, at the Watts Bar facility. The enclosed report presents the results of this inspection.

Based on the results of this inspection, the Nuclear Regulatory Commission (NRC) has determined that violations of NRC requirements occurred. These violations are cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding them are described in detail in the subject inspection report. The NRC-identified violations are of concern because they involved a lack of management attention to control of keys. We also noted that operator inattention led to an inadvertent safety injection and that installation of wrong gasket material led to partial blockage of a main feedwater line contributing to a reactor trip.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

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

Sincerely,

Original Signed by
M. S. Lesser

Mark S. Lesser, Chief
Reactor Projects Branch 6
Division of Reactor Projects

Docket Nos.: 50-390 and 50-391
License Nos: NPF-90 and
Construction Permit CPPR-92

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PDR ADDOCK 05000390
Q PDR



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Enclosures: 1. Notice of Violation
2. NRC Integrated Inspection Report

cc w/encls:

Mr. O. J. Zeringue
Senior Vice President
Nuclear Operations
Tennessee Valley Authority
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Mr. J. A. Bailey, Vice President
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Tennessee Valley Authority
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Mr. J. A. Scalice
Site Vice President
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Mr. R. T. Purcell, Plant Manager
Watts Bar Nuclear Plant
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Michael H. Mobley, Director
Division of Radiological Health
3rd Floor, L and C Annex
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County Executive
Rhea County Courthouse
Dayton, TN 37321

County Executive
Meigs County Courthouse
Decatur, TN 37322

Distribution w/encls: (See page 3)

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U.S. Nuclear Regulatory Commission
 Watts Bar Nuclear Plant
 1260 Nuclear Plant Road
 Spring City, TN 37381

OFFICE	DRP/RII	DRP/RII	DRP/RII	NRR	DRS/RII	
SIGNATURE	<i>Pat</i>				<i>ETS</i>	
NAME	PTaylor:vyg	KVanDoorn	ELea	MMortensen	E. Testa	
DATE	04 / 8 / 97	04 / / 97	04 / / 97	04 / / 97	04 / 9 / 97	04 / / 97
COPY?	<input checked="" type="checkbox"/> YES NO	YES NO	YES NO	YES NO	<input checked="" type="checkbox"/> YES NO	YES NO

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SIGNATURE			<i>EL</i>			
NAME	PTaylor:vys	KVanDoorn	ELea	MMortenson	ETesta	
DATE	04 / / 97	04 / / 97	04 / / 97	04 / / 97	04 / / 97	04 / / 97
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SIGNATURE	<i>P.V.D.</i>		<i>E</i>			
NAME	PVan Doorn	MLesser	ELea	MMortensen	PTaylor	ETesta
DATE	03 / 31 / 97	03 / / 97	03 / / 97	03 / / 97	03 / / 97	03 / / 97
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