

January 16, 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 50-390/96-13 AND 50-391/96-13
NOTICE OF VIOLATION

Dear Mr. Kingsley:

On December 21, 1996, the NRC completed an inspection at your Watts Bar facility. The enclosed report presents the results of that inspection.

During the six-week period covered by this inspection period, your conduct of activities at the Watts Bar facility was generally characterized by safety-conscious operations, sound engineering and practices, and careful radiological work controls. We are concerned, however, about three violations of NRC requirements that were identified. The first violation involved poor maintenance controls for an auxiliary feedwater system valve. The second involved inadequate preventive maintenance practices for evaluating protection of components from freezing. A third violation involved the failure to implement the required program for detection of explosive gas mixtures in tanks.

These violations are cited in the enclosed Notice of Violation (Notice), and the circumstances surrounding the violations are described in detail in the enclosed report. Please note that 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.

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In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures 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

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

cc w/encls: (See page 3)

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3

cc w/encls:

Mr. O. J. Zeringue
Senior Vice President
Nuclear Operations
Tennessee Valley Authority
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Dr. Mark O. Medford, Vice President
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Mr. J. A. Scalice
Site Vice President
Watts Bar Nuclear Plant
Tennessee Valley Authority
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General Counsel
Tennessee Valley Authority
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Mr. P. Salas, Manager
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Mr. P. L. Pace, Manager
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Tennessee Valley Authority
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Mr. R. T. Purcell, Plant Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

Michael H. Mobley, Director
Division of Radiological Health
3rd Floor, L and C Annex
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Nashville, TN 37243-1532

County Executive
Rhea County Courthouse
Dayton, TN 37321

County Executive
Meigs County Courthouse
Decatur, TN 37322

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

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



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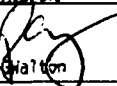
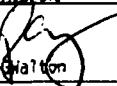
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