

September 4, 1996

EA 96-280

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 50-390/96-09, 50-391/96-09
NOTICE OF VIOLATION

Dear Mr. Kingsley:

On August 10, 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 maintenance practices, and careful radiological work controls. We are concerned, however, about five violations of NRC requirements that were identified. In the first instance, NRC inspectors identified that Auxiliary Control Room controls had not been reconfigured to reflect alignment procedure changes. In the second instance, NRC inspectors identified two examples of inadequate Operations procedures for computer alarm response and control rod overlap verification surveillance requirements. In the third instance, NRC inspectors identified hydrostatic testing that was not done per procedural requirements. In the fourth instance, your staff discovered a flow switch inlet valve isolated that impacted emergency core cooling flow capacity. In the fifth instance, NRC inspectors identified scaffolding in safety-related buildings above both trains of equipment that were not erected in accordance with seismic clearance requirements. We are concerned that all of these issues involved human performance inadequacies. Your continued management attention is warranted in this area.

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. Notice of Violation
2. NRC Integrated Inspection Report

cc w/encls: (See page 3)

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cc w/encls:

Mr. O. J. Zeringue
Senior Vice President
Nuclear Operations
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Dr. Mark O. Medford, Vice President
Technical Services
Tennessee Valley Authority
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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. B. S. Schofield
Site Licensing Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
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Spring City, TN 37381

TVA Representative
Tennessee Valley Authority
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The Honorable Billy R. Patton
County Executive
Rhea County Courthouse
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Dayton, TN 37381

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

Michael H. Mobley, Director
Division of Radiological Health
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Ms. Jane A. Fleming
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Duxbury, MA 02332

Distribution w/encls: (See page 4)

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 1260 Nuclear Plant Road
 Spring City, TN 37381

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NAME	PVan Doorn	MLesser	SCahill	DJones	WMiller		DRoberts				
DATE	08 / / 96	08 / / 96	08 / 15 / 96	08 / / 96	08 / 28 / 96		08 / 16 / 96				
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