December 15, 1997

Tennessee Valley Authority
ATTN: Mr. O. J. Zeringue
Chief Nuclear Officer and
Executive Vice President
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: NRC INSPECTION REPORT NOS. 50-390/97-08 AND 50-391/97-08

Dear Mr. Zeringue:

On October 31, 1997, the NRC completed an inspection at your Watts Bar Nuclear Plant. The enclosed report presents the results of that inspection.

During the week of October 27-31, 1997, an inspection team observed selected portions of your emergency organization's response in key facilities during the emergency preparedness plume exposure exercise conducted on October 28, 1997. The emergency response observed during the simulated accident was considered satisfactory.

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

Sincerely,

ORIGINAL SIGNED BY:
Kenneth P. Barr

Kenneth P. Barr, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 50-390, 50-391
License No. NPF-90 and Construction
Permit No. CPPR-92

Enclosure: NRC Inspection Report

cc w/encl: {See page 2}

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PDR ADOCK 05000390
Q PDR

cc w/encl:
Senior Vice President
Nuclear Operations
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Jack A. Bailey, Vice President
Engineering and Technical Services
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

J. A. Scalice
Site Vice President
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

General Counsel
Tennessee Valley Authority
ET 10H
400 West Summit Hill Drive
Knoxville, TN 37902

Raul R. Baron, General Manager
Nuclear Assurance
Tennessee Valley Authority
4J Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Mark J. Burzynski, Manager
Nuclear Licensing
Tennessee Valley Authority
4J Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Paul L. Pace, Manager
Licensing
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

Richard T. Purcell, Plant Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

County Executive
Rhea County Courthouse
Dayton, TN 37321

County Executive
Meigs County Courthouse
Decatur, TN 37322

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

Distribution w/encl: (See Page 3)

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PUBLIC

NRC Resident Inspector
U.S. Nuclear Regulatory Commission
1260 Nuclear Plant Road
Spring City, TN 37381

OFFICE	RII:DRS	RII:DRS	RII:DRS	RII:DRS	RII:DRS	RII:ORA	RII:DRP
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NAME	WSartor	ETesta	JKreh	GSalyers	KBarr	RHannah	MLesser
DATE	12/15/97	12/9/97	12/9/97	12/9/97	12/15/97	12/10/97	12/11/97
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