

Official copy

April 6, 1995

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 INSPECTION REPORT NO. 50-390/95-16, 50-391/95-16

Gentlemen:

This refers to the inspection conducted by W. H. Miller, Jr. of this office on February 27 - March 3 and March 13 - 17, 1995. 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.

Within the scope of this inspection, no violations or deviations were identified.

This inspection report documents that the CO₂ fire protection systems failed to meet the acceptance criteria originally established in the preoperational test instruction. The test criteria was subsequently modified. NRC is concerned because your revised acceptance criteria, do not contain a minimum soak time for which CO₂ concentration must be retained to extinguish fires. We request that you provide us with the basis upon which you conclude that your modified test criteria are adequate to provide reasonable assurance that your CO₂ system will be capable extinguishing fires.

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.

140033

9504140104 950406
PDR ADOCK 05000390
Q PDR

11
TEOI

TVA

2

Should you have any questions concerning this letter, please contact us.

Sincerely,

Original Signed By:
J. P. Jaudon

Johns P. Jaudon, Deputy Director
TVA Construction
Division of Reactor Projects

Docket Nos. 50-390, 50-391
License Nos. CPPR-91, CPPR-92

Enclosure: NRC Inspection Report

cc. w/encl: (See page 3)

TVA

3

cc w/encl:

Dr. Mark O. Medford, Vice Pres.
Engineering & Technical Services
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. D. E. Nunn, Vice Pres.
New Plant Completion
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

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

General Counsel
Tennessee Valley Authority
ET 11H
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. P. P. Carrier, Manager
Corporate Licensing
4G Blue Ridge
1101 Market Street

Mr. B. S. Schofield
Site Licensing Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Spring City, TN 37381

Ms. Beth Zilbert, Energy Campaigner
Greenpeace
20 13th Street, NE.
Atlanta, GA 30309

TVA Representative
Tennessee Valley Authority
11921 Rockville Pike
Suite 402
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

Danielle Droitsch
Energy Project
The Foundation for Global
Sustainability
P. O. Box 1101
Knoxville, TN 37901

Mr. Bill Harris
Route 1, Box 26
Ten Mile, TN 37880

Distribution w/encl: (See page 4)

TVA

4

Distribution w/encl:

- S. D. Ebnetter, ORA/RII
- E. W. Merschhoff, DRP/RII
- A. F. Gibson, DRS/RII
- J. P. Stohr, DRSS/RII
- F. J. Hebdon, NRR
- A. P. Hodgdon, OGC
- B. K. Keeling, GPA/CA
- G. M. Tracy, OEDO
- P. S. Tam, NRR
- P. M. Madden, NRR
- NRC Document Control Desk

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

SEND TO PUBLIC DOCUMENT ROOM?						
			YES	NO		
OFFICE	DRP/RII	DRP/RII	DRP/RII			
SIGNATURE	<i>Wm</i>	<i>CJ</i>	<i>PF</i>			
NAME	BMiller:vyg	CJulian	PFriedriksen			
DATE	03 / 23 / 95	03 / 3 / 95	03 / / 95	03 / / 95	03 / / 95	03 / / 95
COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\SEC4C\WB95-16L.WHM