

**TENNESSEE VALLEY AUTHORITY**

Watts Bar Nuclear Plant  
P. O. Box 800  
Spring City, Tennessee 37381

May 20, 1987

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Gentlemen:

In the Matter of the Application of )  
Tennessee Valley Authority )

Docket Nos. 50-327, 50-328  
50-390, 50-391  
50-259, 50-260  
50-296, 50-438  
50-439

**EMPLOYEE CONCERNS TASK GROUP (ECTG)**

As we have discussed in our recent meetings, the Employee Concern Task Group (ECTG) is prepared to begin transmitting to you the subcategory level evaluations. These evaluations are documented in reports which address all concerns within that subcategory grouping and their impact on all four TVA nuclear plants. These reports address both plant specific and programmatic evaluation results.

Enclosure 1 provides a listing of the 117 subcategory reports which TVA will submit for your review. For these reports, we will not be making two submittals (initial and final) as was our commitment for the Sequoyah element reports. Once corrective action plans have been approved, they will be included in the subcategory reports and the finalized report transmitted to you. If your staff should desire earlier evaluation information, we will be glad to work with you to provide this information in specific areas.

These subcategory reports represent the next level of ECTG evaluations which allow assessment of results from all four nuclear plants. The specific information you have reviewed in the Sequoyah element reports has been incorporated into the appropriate subcategory report. The subcategory reports are not required to support Sequoyah restart efforts. One final point regarding subcategory reports is that ECTG will be submitting the Management and Personnel and Industrial Safety reports which address non-safety-related concerns. This information was not required for the Sequoyah restart program, and has not been previously provided.

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In addition to the subcategory reports, TVA will prepared 9 category reports and 1 final report in accordance with our program scope.

If you should have any questions, please feel free to call me at (615) 365-3587.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*M. S. Martin*

M. S. Martin  
Watts Bar Nuclear Plant  
ECTG Licensing Manager

cc (See pages 3.):

**U.S. Nuclear Regulatory Commission****cc (Enclosures):**

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Division of TVA Projects  
Office of Special Projects  
U.S. Nuclear Regulatory Commission  
Region II  
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Atlanta, Georgia 30323

**Mr. John A. Zwolinski, Assistant Director**  
For Projects  
Division of TVA Projects  
Office of Special Projects  
U.S. Nuclear Regulatory Commission  
4350 East West Highway  
EW 322  
Bethesda, Maryland 20018

**Browns Ferry Resident Inspector**  
Browns Ferry Nuclear Plant  
Route 2, P. O. Box 311  
Athens, Alabama 35611

**Sequoyah Resident Inspector**  
Sequoyah Nuclear Plant  
2600 Igou Ferry Road  
Soddy Daisy, Tennessee 37379

**Watts Bar Resident Inspector**  
Watts Bar Nuclear Plant  
P. O. Box 700  
Spring City, Tennessee 37381

**Bellefonte Resident Inspector**  
Bellefonte Nuclear Plant  
P. O. Box 2000  
Hollywood, Alabama 35752



**ENCLOSURE 1**



**CONSTRUCTION**

<b><u>Subcategory Report Number</u></b>	<b><u>Subcategory Title</u></b>
C010100	Soils
C010200	Concrete
C010300	Protective Coatings
C010400	Embeds
C010500	Deterioration of Per Facilities
C010600	Bolting
C010700	Inst. Tubing
C010800	Structural (Utility)
C010900	Cable
C011100	Hangers/Supports
C011200	Work Plan/Work Control
C011300	Anchorage
C015100	Damage
C015200	Housekeeping
C015300	Construction Equipment
C017100	Mechanical
C017300	Instrument Line Installation
C019100	Elec. Equipment
C019200	Conduit & Tray

**ENGINEERING**

<b><u>Subcategory Report Number</u></b>	<b><u>Subcategory Title</u></b>
EN20100	Incorporation of Requirements and Commitments in Design
EN20300	Experience Feedback
EN20400	Organization or Operating Procedures
EN20500	Control of Design Calculations
EN20600	As-Built Reconciliation
EN20700	Deviation Documentation
EN20800	Human Factors
EN20900	Q-List
EN21000	Environmental Qualification Process
EN21200	Pipe Support Program
EN21300	Electrical Procedures
EN21400	Flushing
EN21500	Civil/Structural Design
EN21800	Pipe Stress Calculations
EN22000	Support Design General
EN22100	Pipe Support Design
EN22200	Support Weld Design
EN22300	Instrument Supports Design
EN22400	Raceway Support Design
EN22500	Battery Support Design
EN22600	Two-Over-One Design
EN22700	Pipe Whip Restraint Design
EN22800	Unistrut Support Design
EN22900	Instrumentation and Control Design

**ENGINEERING (Continued)**

**Subcategory  
Report  
Number**

**Subcategory Title**

EN23000	HVAC Design
EN23100	Fire Protection Design
EN23200	Piping and Valve Design
EN23300	Essential Raw Cooling Water Piping
EN23400	Access to Equipment
EN23500	Electrical Safety Design
EN23700	Electrical Protection Design
EN23800	Raceway Overfills and Cable Pulling
EN23900	Cable and Raceway Program
EN24000	Cable Ampacity
EN24100	Cable Terminations and Splices
EN24200	Electrical Separation
EN24300	Diesel Design Margin



**OPERATION**

<b><u>Subcategory Report Number</u></b>	<b><u>Subcategory Title</u></b>
OP30100	Mechanical Equipment Reliability/Design
OP30200	Electrical and Communications
OP30300	Instrumentation and Radiation Monitoring
OP30400	Cables and Conduit
OP30500	Accessibility
OP30600	Fire Protection
OP30700	NUC PR Site Programs/Procedures
OP30800	Maintenance
OP30900	Engineering
OP31000	Operations/Operational
OP31100	Health Physics
OP31200	Security
OP31300	Miscellaneous

**MATERIAL CONTROL**

**Subcategory  
Report  
Number**

**Subcategory Title**

MC40200	Purchasing and Requisitioning
MC40300	Installation
MC40400	Storage and Handling
MC40500	Material Identification
MC40600	Quality of Material
MC40700	Procedural Control
MC40800	Training

**MANAGEMENT AND PERSONNEL**

<b><u>Subcategory Report Number</u></b>	<b><u>Subcategory Title</u></b>
MP70100	Subjourneymen
MP70200	Work Rules
MP70300	Work Schedules
MP70400	Overtime
MP70500	EEO
MP70600	Management Techniques
MP70700	Organization
MP70800	Morale
MP70900	Public Safety Service
MP71000	Production/Quality
MP71100	Material
MP71200	Miscellaneous
MP71300	Medical
MP71400	Drugs
MP71500	ERT
MP71600	Labor Relations
MP71700	Management Quality
MP71800	Employment
MP71900	Pay
MP72000	Personnel Records
MP72100	Veterans



**QUALITY ASSURANCE**

**Subcategory  
Report  
Number**

**Subcategory Title**

QA80100	Quality Assurance Management and Policy
QA80200	Inspection
QA80300	Quality Assurance Personnel
QA80400	Nonconformance Control and Corrective Action
QA80500	Document Control and Records
QA80600	General Management and Policy

**INDUSTRIAL SAFETY**

**Subcategory  
Report  
Number**

**Subcategory Title**

SF90100	Management of Safety
SF90400	Protective Equipment
SF90500	Life Safety
SF90600	Electrical
SF90700	Design
SF90800	Emergency Equipment and Plant Response
SF90900	Walking and Working Surfaces
SF91000	Unsafe Conditions
SF91100	Defective/Inadequate Equipment
SF91200	Industrial Hygiene

**WELDING**

**Subcategory  
Report  
Number**

**Subcategory Title**

**WE50100-BFN**

**BFN Site Specific Welding Subcategory Report**

**WE50200-BLN**

**BLN Site Specific Welding Subcategory Report**

**WE50300-SQN**

**SQN Site Specific Welding Subcategory Report**

**WE50400-WBN**

**WBN Site Specific Welding Subcategory Report**

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