

TVA EMPLOYEE CONCERNS  
SPECIAL PROGRAM

REPORT NUMBER: SWEC-BLN-100

REPORT TYPE: Bellefonte Nuclear Plant Subcategory REVISION NUMBER: 0

TITLE: Stone & Webster Engineering Corporation (SWEC)  
Systematic Analysis of Identified Issues/  
Concerns at TVA

REASON FOR REVISION: N/A

SWEC SUMMARY STATEMENT: All Bellefonte site-specific issues identified by SWEC were verified by ECTG for completion status. The verification activities for the total of 50 issues were documented in 27 BLN SWEC Element files. These files have established the background, corrective action, and completion status for each SWEC issue. The overall summary process of evaluation, significance of the SWEC issues, and plant corrective actions are discussed in this SWEC subcategory report.

PREPARATION

PREPARED BY:

John Kightly  
SIGNATURE

6/18/87  
DATE

REVIEWS

PEER:

H. R. Gass  
SIGNATURE

6-18-87  
DATE

TAS:

James E. Worley #1  
SIGNATURE

9/29/87  
DATE

CONCURRENCES

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

CEG-H: Al Shabbag 6/18/87  
SRP: James E. Worley #1 9/30/87  
SIGNATURE\* DATE

APPROVED BY:

W. R. Brown 9/29/87  
ECSP MANAGER DATE

N/A \_\_\_\_\_  
MANAGER OF NUCLEAR POWER DATE  
CONCURRENCE (FINAL REPORT ONLY)

\*SRP Secretary's signature denotes SRP concurrences are in files.

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PDR ADDCK 05000259  
P PDR

## EXECUTIVE SUMMARY

### BELLEFONTE SUBCATEGORY REPORT SWEC-BLN-100 Stone & Webster Engineering Corporation (SWEC) Systematic Analysis of Identified Issues/Concerns at TVA

#### I. SUMMARY OF THE ISSUES

There are 50 SWEC concerns in this subcategory. The 50 concerns were grouped into 27 issues for the effective evaluation of similar concerns. The verification activities for the 50 concerns were documented in 27 BLN SWEC Element files. These files established the background, corrective action, and completion status for each SWEC issue. The overall summary process of evaluation, and significance of the SWEC issues is discussed in this SWEC subcategory report.

#### II. MAJOR FINDINGS

Summary data of the SQN SWEC issues is as follows:

- 21 issues are statused as closed.
- 8 issues are statused as having completed corrective action. These issues will be considered closed following NRC closure.
- 21 issues are statused as having satisfactory corrective action in progress.
- No issues are statused as having insufficient evidence of corrective action.

#### III. COLLECTIVE SIGNIFICANCE OF MAJOR FINDINGS

All of the SWEC issues were factually accurate and required corrective action by BLN. This corrective action was verified by ECTG to be complete or satisfactorily in progress for all BLN SWEC issues.

#### IV. CAUSES OF THE MAJOR FINDINGS

The four leading causes of the SWEC concerns were (1) procedure compliance inadequacy (2) procedural inadequacy (3) supervision inadequacy, and (4) lack of corrective action (including timeliness).

#### V. CORRECTIVE ACTION ON MAJOR FINDINGS

ECTG verified that corrective actions had been completed or were in progress for all of the 50 SWEC issues at BLN. The status of each issue is listed in Attachment A to this subcategory report.

TENNESSEE VALLEY AUTHORITY  
BELLEFONTE NUCLEAR PLANT  
EMPLOYEE CONCERNS TASK GROUP  
OTHER SITES  
CEG

Subcategory: Bellefonte Nuclear Plant

Element: Stone & Webster Engineering Corporation (SWEC)  
Systematic Analysis of Identified Issues/Concerns at TVA

Report Number: SWEC-BLN-100

Evaluator:	<u>John Knightly</u> J. J. Knightly	<u>6/17/87</u> Date
Reviewed by:	<u>K. R. Gass</u> K. R. Gass	<u>6-18-87</u> Date
Approved by:	<u>A. G. Debbage</u> A. G. Debbage	<u>6/18/87</u> Date

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Preface

This subcategory report is one of a series of reports prepared for the Employee Concerns Special Program (ECSP) of the Tennessee Valley Authority (TVA). The ECSP and the organization which carried out the program, the Employee Concerns Task Group (ECTG), were established by TVA's Manager of Nuclear Power to evaluate and report on those Office of Nuclear Power (ONP) employee concerns filed before February 1, 1986. Concerns filed after that date are handled by the ongoing ONP Employee Concerns Program (ECP).

The ECSP addressed over 5800 employee concerns. Each of the concerns was a formal, written description of a circumstance or circumstances that an employee thought was unsafe, unjust, inefficient, or inappropriate. The mission of the Employee Concerns Special Program was to thoroughly investigate all issues presented in the concerns and to report the results of those investigations in a form accessible to ONP employees, the NRC, and the general public. The results of these investigations are communicated by four levels of ECSP reports: element, subcategory, category, and final.

Element reports, the lowest reporting level, will be published only for those concerns directly affecting the restart of Sequoyah Nuclear Plant's reactor unit 2. An element consists of one or more closely related issues. An issue is a potential problem identified by ECTG during the evaluation process as having been raised in one or more concerns. For efficient handling, what appeared to be similar concerns were grouped into elements early in the program, but issue definitions emerged from the evaluation process itself. Consequently, some elements did include only one issue, but often the ECTG evaluation found more than one issue per element.

Subcategory reports summarize the evaluation of a number of elements. However, the subcategory report does more than collect element level evaluations. The subcategory level overview of element findings leads to an integration of information that cannot take place at the element level. This integration of information reveals the extent to which problems overlap more than one element and will therefore require corrective action for underlying causes not fully apparent at the element level.

To make the subcategory reports easier to understand, three items have been placed at the front of each report: a preface, a glossary of the terminology unique to ECSP reports, and a list of acronyms (terms formed from the first letters of a series of words).

Additionally, at the end of each subcategory report the reader will find at least two attachments. The first is a Subcategory Summary Table that includes the following information: the concern number, a brief statement of the concern, and a designation of nuclear safety-related concerns. The second attachment is a listing of the concerns included in each issue evaluated in the subcategory.

The subcategories are themselves summarized in a series of eight category reports. Each category report reviews the major findings and collective significance of the subcategory reports in one of the following areas:

- management and personnel relations
- industrial safety
- construction
- material control
- operations
- quality assurance/quality control
- welding
- engineering

A separate report on employee concerns dealing with specific contentions of intimidation, harassment, and wrongdoing will be released by the TVA Office of the Inspector General.

Just as the subcategory reports integrate the information collected at the element level, the category reports integrate the information assembled in all the subcategory reports within the category, addressing particularly the underlying causes of those problems that run across more than one subcategory.

A final report will integrate and assess the information collected by all of the lower level reports prepared for the ECSP, including the Inspector General's report.

For more detail on the methods by which ECTG employee concerns were evaluated and reported, consult the Tennessee Valley Authority Employee Concerns Task Group Program Manual. The Manual spells out the program's objectives, scope, organization, and responsibilities. It also specifies the procedures that were followed in the investigation, reporting, and closeout of the issues raised by employee concerns.

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ECSP GLOSSARY OF REPORT TERMS\*

classification of evaluated issues the evaluation of an issue leads to one of the following determinations:

- Class A: Issue cannot be verified as factual
- Class B: Issue is factually accurate, but what is described is not a problem (i.e., not a condition requiring corrective action)
- Class C: Issue is factual and identifies a problem, but corrective action for the problem was initiated before the evaluation of the issue was undertaken
- Class D: Issue is factual and presents a problem for which corrective action has been, or is being, taken as a result of an evaluation
- Class E: A problem, requiring corrective action, which was not identified by an employee concern, but was revealed during the ECTG evaluation of an issue raised by an employee concern.

collective significance an analysis which determines the importance and consequences of the findings in a particular ECSP report by putting those findings in the proper perspective.

concern (see "employee concern")

corrective action steps taken to fix specific deficiencies or discrepancies revealed by a negative finding and, when necessary, to correct causes in order to prevent recurrence.

criterion (plural: criteria) a basis for defining a performance, behavior, or quality which ONP imposes on itself (see also "requirement").

element or element report an optional level of ECSP report, below the subcategory level, that deals with one or more issues.

employee concern a formal, written description of a circumstance or circumstances that an employee thinks unsafe, unjust, inefficient or inappropriate; usually documented on a K-form or a form equivalent to the K-form.

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evaluator(s) the individual(s) assigned the responsibility to assess a specific grouping of employee concerns.

findings includes both statements of fact and the judgments made about those facts during the evaluation process; negative findings require corrective action.

issue a potential problem, as interpreted by the ECTG during the evaluation process, raised in one or more concerns.

K-form (see "employee concern")

requirement a standard of performance, behavior, or quality on which an evaluation judgment or decision may be based.

root cause the underlying reason for a problem.

\*Terms essential to the program but which require detailed definition have been defined in the ECTG Procedure Manual (e.g., generic, specific, nuclear safety-related, unreviewed safety-significant question).

Acronyms

AI	Administrative Instruction
AISC	American Institute of Steel Construction
ALARA	As Low As Reasonably Achievable
ANS	American Nuclear Society
ANSI	American National Standards Institute
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWS	American Welding Society
BFN	Browns Ferry Nuclear Plant
BLN	Bellefonte Nuclear Plant
CAQ	Condition Adverse to Quality
CAR	Corrective Action Report
CATD	Corrective Action Tracking Document
CCTS	Corporate Commitment Tracking System
CEG-H	Category Evaluation Group Head
CFR	Code of Federal Regulations
CI	Concerned Individual
CMTR	Certified Material Test Report
COC	Certificate of Conformance/Compliance
DCR	Design Change Request
DNC	Division of Nuclear Construction (see also NU CON)



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DNE Division of Nuclear Engineering  
DNQA Division of Nuclear Quality Assurance  
DNT Division of Nuclear Training  
DOE Department of Energy  
DPO Division Personnel Officer  
DR Discrepancy Report or Deviation Report  
ECN Engineering Change Notice  
ECP Employee Concerns Program  
ECP-SR Employee Concerns Program-Site Representative  
ECSP Employee Concerns Special Program  
ECTG Employee Concerns Task Group  
EEOC Equal Employment Opportunity Commission  
EQ Environmental Qualification  
EMRT Emergency Medical Response Team  
EN DES Engineering Design  
ERT Employee Response Team or Emergency Response Team  
FCR Field Change Request  
FSAR Final Safety Analysis Report  
FY Fiscal Year  
GET General Employee Training  
HCI Hazard Control Instruction  
HVAC Heating, Ventilating, Air Conditioning  
II Installation Instruction  
INPO Institute of Nuclear Power Operations  
IRN Inspection Rejection Notice

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L/R	Labor Relations Staff
M&AI	Modifications and Additions Instruction
MI	Maintenance Instruction
MSPB	Merit Systems Protection Board
MT	Magnetic Particle Testing
NCR	Nonconforming Condition Report
NDE	Nondestructive Examination
NPP	Nuclear Performance Plan
NPS	Non-plant Specific or Nuclear Procedures System
NQAM	Nuclear Quality Assurance Manual
NRC	Nuclear Regulatory Commission
NSB	Nuclear Services Branch
NSRS	Nuclear Safety Review Staff
NU CON	Division of Nuclear Construction (obsolete abbreviation, see DNC)
NUMARC	Nuclear Utility Management and Resources Committee
OSHA	Occupational Safety and Health Administration (or Act)
ONP	Office of Nuclear Power
OWCP	Office of Workers Compensation Program
PHR	Personal History Record
PT	Liquid Penetrant Testing
QA	Quality Assurance
QAP	Quality Assurance Procedures
QC	Quality Control
QCI	Quality Control Instruction

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QCP	Quality Control Procedure
QTC	Quality Technology Company
RIF	Reduction in Force
RT	Radiographic Testing
SQN	Sequoyah Nuclear Plant
SI	Surveillance Instruction
SOP	Standard Operating Procedure
SRP	Senior Review Panel
SWEC	Stone and Webster Engineering Corporation
TAS	Technical Assistance Staff
T&L	Trades and Labor
TVA	Tennessee Valley Authority
TVILC	Tennessee Valley Trades and Labor Council
UT	Ultrasonic Testing
VI	Visual Testing
WBECS	Watts Bar Employee Concern Special Program
WBN	Watts Bar Nuclear Plant
WR	Work Request or Work Rules
WP	Workplans

## 2.0 SUMMARY

The purpose of ECTG's verification activities for the SWEC issues was to

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### 1.0 CHARACTERIZATION OF ISSUES

#### 1.1 Introduction

The Stone & Webster Engineering Corporation (SWEC) Systematic Analysis of Identified Issues/Concerns at TVA was performed by a group of 22 senior-level Stone & Webster personnel from January 20 - January 31, 1986 at TVA. Background information on the SWEC analysis was provided by SWEC in their report transmittal of February 14, 1986 (J. A. Kirkebo to L. D. Nace):

In a meeting with the NRC Commissioners on January 9, 1986, TVA Directors committed to a review and evaluation of previously identified issues/concerns as a means of assessing the current situation as well as identifying certain root causes of problems. To meet this commitment a Systematic Analysis was to accumulate issues and concerns from sources external to TVA, encode these into a data base, analyze the resultant information, determine root causes where possible and support the preparation of a report to NRC outlining the TVA Recovery Plan.

The sorts of the resulting data base were utilized as a foundation for preparation of the revised volume 1 of the TVA Nuclear Performance Plan . . .

All issues/concerns accumulated by SWEC were turned over to the Employee Concerns Task Group (ECTG) for evaluation.

#### 1.2 Description of Sources

Stone & Webster identified issues and concerns from TVA's incoming correspondence over a 16-month period ending January 1986. ECTG determined that the sources of the issues and concerns for Bellefonte Nuclear Plant (BLN) were as follows:

- 38 issues identified by the Nuclear Regulatory Commission (NRC) including violations, inspector follow-up items, unresolved items, and unnumbered concerns.
- Seven issues included in NRC's 1985 Systematic Assessment of Licensee Performance (SALP) Reports
- Three issues identified by the Institute of Nuclear Power Operations (INPO)
- Two issues identified in correspondence from the Tennessee Congressional delegation.

#### 1.3 Description of Issues

Because of the variety and types of issues covered, it is inappropriate to discuss individual issues in the body of this report. Details of each issue are included in Attachment A of this report.

- 8 other issues were stated as having completed corrective actions. These issues will be considered closed following closure by the NRC. Corrective Action Tracking Documents (CATDs) for these issues will not be issued by ECTG.
- 21 issues were stated as having satisfactory corrective action in progress. CATDs for these issues are listed in section 4.2.
- No issues were stated as having insufficient evidence of corrective action.

#### 4.2 Corrective Actions in Progress

SWEC issues verified as having corrective action in progress are identified in Attachment A. The following CATDs are attached to identify these 21 issues for ECTG tracking purposes:

SWEC-BLN-04-003, Fire Protection Automatic Start and Relief Valve

SWEC-BLN-04-004, Fire Protection Water System

SWEC-BLN-04-005, Fire Damper Installations

SWEC-BLN-04-006, Hydrostatic Tests for Fire Protection Piping

SWEC-BLN-07-001, Valve Maintenance

SWEC-BLN-07-002, Ultrasonic Exams on Containment Penetrations

SWEC-BLN-07-003, Post Weld Heat Treatment

SWEC-BLN-10-001, QC Personnel Eye Exams

SWEC-BLN-11-001, Storage of Valves and Motors

SWEC-BLN-12-001, Preventive Maintenance Procedures

SWEC-BLN-13-001, Concrete Expansion Wedge Anchors

SWEC-BLN-18-001, Pipe Support Inspection Procedures

SWEC-BLN-21-001, Ultrasonic Exams on Steam Generator Welds

SWEC-BLN-22-001, HVAC Duct Map Procedure

SWEC-BLN-25-063, Housekeeping of Electrical Cable Trays

SWEC-BLN-25-091, Incorrect Fittings on Tubing

SWEC-BLN-25-092, Lack of Timely Corrective Action

SWEC-BLN-25-094, Fire Damper Installations

SWEC-BLN-25-095, Fire Protection System in Auxiliary Building

SWEC-BLN-25-104, Design Control QA Audit Program

SWEC-BLN-25-105, Equipment Storage and Maintenance

## 5.0 COLLECTIVE SIGNIFICANCE

Most of the BLN SWEC issues were identified by the Nuclear Regulatory Commission. All of the issues were factually accurate, and required corrective action by TVA. ECTG verified that the corrective actions were complete or in progress for all of the 50 SWEC issues.

## 6.0 CAUSES

Stone & Webster's analysis of the overall SWEC issues identified the causes as follows:

• Procedure compliance inadequacy	16%
• Procedural inadequacy	16%
• Supervision inadequacy	12%
• Lack of corrective action (including timeliness)	12%
• Regulatory commitment non-compliance	10%
• Technical requirement document inadequate	7%
• Training inadequacy	7%
• Testing or inspection inadequacy	6%
• Other	14%

The ECTG personnel who evaluated the BLN SWEC issues concurred with the above Stone & Webster listing.

## 7.0 CORRECTIVE ACTION

As noted above, all of the SWEC issues were factually accurate and required corrective action by TVA. Corrective action for 29 of the 50 SWEC issues had been completed at the time of the ECTG verification activity. An additional 21 issues verified as having corrective action in progress are listed in section 4.2. The corrective action status of all issues is identified in Attachment A of this report.

8.0 ATTACHMENTS

Attachment A - SWEC Issues, BLN with Corrective Action Status

Attachment B - SWEC CATDs (as listed in sections 4.2)

SWEC ISSUES - BLN  
Status as of Date March 17, 1987

Attachment A

<u>ELEMENT NUMBER</u>	<u>ELEMENT/DESCRIPTION</u>	<u>CONCERNS NUMBERS</u>	<u>CLOSED</u>	<u>OPEN</u>	<u>COMMENT</u>
SWEC-BLN-01	NRC Inspection Report 438,439/84-22: spent fuel storage racks	A02841101002-001 A02841101002-002	X X		
SWEC-BLN-02	NRC Inspection Report 438,439/84-21: welding of structures and supports	A02841101003-001	X		
SWEC-BLN-03	NRC Inspection Report 438,439/84-20: QA inspection of protective coatings	A02841106002-001 A02841106002-002		X	1
SWEC-BLN-04	NRC Inspection Report 438,439/84-24: permanent plant fire protection features	A02841221009-001 A02841221009-002 A02841221009-003 A02841221009-004 A02841221009-005 A02841221009-006		X X X X X X	1 1 2 2 2 2
SWEC-BLN-05	NRC Inspection Report 438,439/84-26: welding activities	A02850124028-001	X		
SWEC-BLN-06	NRC Inspection Report 438,439/85-02: seismic analysis inspection of as-builts	A02850214004-001		X	1
SWEC-BLN-07	NRC Inspection Report 438,439/85-01: review of audit procedures and records	A02850219012-001 A02850219012-002 A02850219012-003		X X X	2 2 2
SWEC-BLN-08	NRC Inspection Report 438,439/85-04: instrumentation and terminations	A02850228003-001	X		
SWEC-BLN-09	NRC Inspection Report 438,439/85-06: steel structures and supports	A02850313014-001 A02850313014-002	X X		

\*Comments:

- 1 = Ready for NRC Closure
- 2 = Corrective Action in Progress
- 3 = Corrective Action Not Adequate



SWEC ISSUES - BLN

<u>ELEMENT NUMBER</u>	<u>ELEMENT/DESCRIPTION</u>	<u>CONCERNS NUMBERS</u>	<u>CLOSED</u>	<u>OPEN</u>	<u>Attachment A COMMENT</u>
SWEC-BLN-10	NRC Inspection Report 438,439/85-07: welding of safety related piping, fire protection and prevention	A02850401005-001		X	2
SWEC-BLN-11	NRC Inspection Report 438,439/85-08: containment penetrations and spent fuel storage racks	A02850411004-001 A02850411004-002 A02850411004-003	X X	X	2
SWEC-BLN-12	NRC Inspection Report 438,439/85-01: NRC staff assessment of TVA response to NRC notice of violation	A02850415010-001		X	2
SWEC-BLN-13	NRC Inspection Report 438,439/85-02: NRC staff assessment of TVA response to NRC notice of violation	A02850424006-001		X	2
SWEC-BLN-14	NRC outlines concerns with TVA con- struction sites	A02850517001-012	X		
SWEC-BLN-15	INPO attaches final accreditation reports for review	A02850517002-005 A02850517002-006	X X		
SWEC-BLN-16	NRC Inspection Report 438,439/85-12: welding activities, construction testing	A02850523007-001 A02850053007-002	X X		
SWEC-BLN-17	NRC letter involving concerns with TVA construction sites	A02850524001-013	X		

\*Comments:

- 1 = Ready for NRC Closure
- 2 = Corrective Action in Progress
- 3 = Corrective Action Not Adequate

SWEC ISSUES - BLN

<u>ELEMENT NUMBER</u>	<u>ELEMENT/DESCRIPTION</u>	<u>CONCERNS NUMBERS</u>	<u>CLOSED</u>	<u>OPEN</u>	<u>Attachment A COMMENTS</u>
SWEC-BLN-18	NRC Inspection Report 438,439/85-13: seismic analysis inspection of as-builts	A02850606004-001 A02850606004-002		X X	2 1
SWEC-BLN-19	NRC Inspection Report 438,439/85-14: construction program associated with pipe welding and surface defects	A02850607005-001 A02850607005-002		X X	1 1
SWEC-BLN-20	NRC Inspection Report 438,439/85-15: welding activities	A02850719002-001 A02850719002-002	X X		
SWEC-BLN-21	NRC Inspection Report 438,439/85-18: preservice inspection, welding activities, construction NDE and records review	A02850906002-001		X	2
SWEC-BLN-22	NRC Inspection Report 438,439/85-22: housekeeping, material control, HVAC	A02851213004-001		X	2
SWEC-BLN-23	NRC Inspection Report 438, 439/85-22: Follow up to URI 438, 439/84-22-03	A02860113004-001		X	1
SWEC-BLN-24	U. S. Senate request for TVA to respond to questions regarding its decision to delay construction at BLN	A07850718002-001	X		
SWEC-BLN-25	NRC SALP report for TVA facilities	A07850919005-063 A07850919005-091 A07850919005-092 A07850919005-094 A07850919005-095 A07850919005-104 A07850919005-105		X X X X X X X	2 2 2 2 2 2 2

\*Comments:

- 1 = Ready for NRC Closure
- 2 = Corrective Action in Progress
- 3 = Corrective Action Not Adequate

SWEC ISSUES - BLN

<u>ELEMENT NUMBER</u>	<u>ELEMENT/DESCRIPTION</u>	<u>CONCERNS NUMBERS</u>	<u>CLOSED</u>	<u>OPEN</u>	<u>Attachment A COMMENTS</u>
SWEC-BLN-26	Termination of employee	A47851105001-001	X		
SWEC-BLN-27	INPO drafts of accreditation team reports	L00850403294-003	X		

\*Comments:

- 1 = Ready for NRC Closure
- 2 = Corrective Action in Progress
- 3 = Corrective Action Not Adequate



ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                      Applicable ECTG Report No.:      SWEC-BLN-100

1. Immediate Corrective Action Required:     Yes     No
2. Stop Work Recommended:     Yes     No
3. CATD No. SWEC-BLN-04-004                      4. INITIATION DATE 06/15/87
5. RESPONSIBLE ORGANIZATION: BLN Site Director
6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-04-004  
Deviation 438, 439/83-10-03, Fire Protection Water System:

The exterior Fire Protection Water System was not installed under a QA/QC program. NRC stated that EN DES EPl.55, Fire Protection Quality Assurance Program, when implemented, will probably meet the requirements of SRP 9.5.1.

ATTACHMENTS

7. PREPARED BY: NAME Don Cossett *Don Cossett* DATE: 06/15/87
8. CONCURRENCE: CEG-H *W. Schlegel* DATE: 6/18/87
9. APPROVAL: ECTG PROGRAM MGR. *RR Shih* *for* DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_

Corrective action is in process. This CATD is issued for tracking purposes only.

ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_
12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_
- ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                  Applicable ECTG Report No.:        SWEC-BLN-100

- 1. Immediate Corrective Action Required:     Yes     No
- 2. Stop Work Recommended:     Yes     No
- 3. CATD No. SWEC-BLN-04-005                  4. INITIATION DATE 06/15/87
- 5. RESPONSIBLE ORGANIZATION: BLN Site Director
- 6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-04-005  
           Deviation 438, 439/83-10-05, Improper Fire Damper Installations:

This CATD to remain open pending completion of necessary fire damper installation modifications by TVA.

- 7. PREPARED BY: NAME Don Cossett    Don Cossett    DATE: 06/15/87                   ATTACHMENTS
- 8. CONCURRENCE: CEG-H W. E. [signature]    DATE: 6/18/87
- 9. APPROVAL: ECTG PROGRAM MGR. [signature]    DATE: 6/19/87

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
           Corrective action is in process. This CATD is issued for tracking purposes only.

- 11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_                  DATE: \_\_\_\_\_
- 12. CONCURRENCE: CEG-H: \_\_\_\_\_                  DATE: \_\_\_\_\_
- ECTG PROGRAM MANAGER \_\_\_\_\_                  DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

- 13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION

Applicable ECTG Report No.: SWEC-BLN-100

1. Immediate Corrective Action Required:  Yes  No  
2. Stop Work Recommended:  Yes  No  
3. CATD No. SWEC-BLN-04-006 4. INITIATION DATE 06/15/87  
5. RESPONSIBLE ORGANIZATION: BLN Site Director  
6. PROBLEM DESCRIPTION:  QR  NQR SWEC-BLN-04-006  
IFI 438, 439/83-10-04, Re-evaluation of Hydrostatic Tests of  
Fire Protection Piping Systems:

This CATD to remain open pending completion of hydro testing by  
TVA Mechanical Engineering Group.

- ATTACHMENTS
7. PREPARED BY: NAME Don Cossett *Don Cossett* DATE: 06/15/87  
8. CONCURRENCE: CEG-H *W. H. ...* DATE: 6/18/87  
9. APPROVAL: ECTG PROGRAM MGR. *R. R. ...* *for* DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

- ATTACHMENTS
11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_  
12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE TITLE DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                      Applicable ECTG Report No.:      SWEC-BLN-100

1. Immediate Corrective Action Required:     Yes     No
2. Stop Work Recommended:     Yes     No
3. CATD No. SWEC-BLN-07-001
4. INITIATION DATE 06/15/87
5. RESPONSIBLE ORGANIZATION: BLN Site Director
6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-07-001  
Violation 438, 439/85-01-01, Development of Valve Maintenance  
Requirements:

The PM program for safety-related valves with Limitorque operators  
does not ensure prompt corrective action.

ATTACHMENTS

7. PREPARED BY: NAME Don Cossett      *Don Cossett*      DATE: 06/15/87
8. CONCURRENCE: CEG-H      *[Signature]*      DATE: 6/18/87
9. APPROVAL: ECTG PROGRAM MGR.      *[Signature]*      DATE: 6/18/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_      DATE: \_\_\_\_\_
12. CONCURRENCE: CEG-H: \_\_\_\_\_      DATE: \_\_\_\_\_
- ECTG PROGRAM MANAGER \_\_\_\_\_      DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE                                      TITLE                                      DATE



ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION

Applicable ECTG Report No.: SWEC-BLN-100

1. Immediate Corrective Action Required:  Yes  No  
2. Stop Work Recommended:  Yes  No  
3. CATD No. SWEC-BLN-07-002 4. INITIATION DATE 06/15/87  
5. RESPONSIBLE ORGANIZATION: BLN Site Director  
6. PROBLEM DESCRIPTION:  QR  NQR SWEC-BLN-07-002  
Violation 438, 439/83-24-01, Questionable UT Exams., URI 438,  
439/85-01-02 - Exam. Reqts. for Elect. Penetrations:  
Procedures are inadequate for performing UT examinations on  
containment enetrations.

- ATTACHMENTS
7. PREPARED BY: NAME Don Cossett Don Cossett DATE: 06/15/87  
8. CONCURRENCE: CEG-H DeLaney DATE: 6/18/87  
9. APPROVAL: ECTG PROGRAM MGR. B. Roberts fa DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

- ATTACHMENTS
11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_  
12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE TITLE DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION      Applicable ECTG Report No.:      SWEC-BLN-100

- 1. Immediate Corrective Action Required:     Yes     No
- 2. Stop Work Recommended:     Yes     No
- 3. CATD No. SWEC-BLN-07-003      4. INITIATION DATE 06/15/87
- 5. RESPONSIBLE ORGANIZATION: BLN Site Director
- 6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-07-003  
URI 438, 439/84-06-01, Post Weld Heat Treatment:

Records for Reactor Coolant Pressure Boundary Components do not verify proper post weld heat treatment and material coupon notch toughness.

ATTACHMENTS

- 7. PREPARED BY: NAME Don Cossett *Don Cossett*      DATE: 06/15/87
- 8. CONCURRENCE: CEG-H *Wade*      DATE: 6/18/87
- 9. APPROVAL: ECTG PROGRAM MGR. *R.R. [unclear] for*      DATE: 6/19/87

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking purposes only.

ATTACHMENTS

- 11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_      DATE: \_\_\_\_\_
- 12. CONCURRENCE: CEG-H: \_\_\_\_\_      DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_      DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

- 13. Approved corrective actions have been verified as satisfactorily implemented.

SIGNATURE	TITLE	DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                      Applicable ECTG Report No.:      SWEC-BLN-100

- 1. Immediate Corrective Action Required:     Yes     No
- 2. Stop Work Recommended:     Yes     No
- 3. CATD No. SWEC-BLN-10-001                      4. INITIATION DATE 06/15/87
- 5. RESPONSIBLE ORGANIZATION: BLN Site Director
- 6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-10-001  
Violation 438, 439/85-07-01, QC personnel eye examinations:

TVA failed to provide annual eye examinations for QC personnel.  
Examinations are currently being given every three (3) years.

- 7. PREPARED BY: NAME Don Cossett    *Don Cossett*     ATTACHMENTS    DATE: 06/15/87
- 8. CONCURRENCE: CEG-H    W. Chubbey    DATE: 6/18/87
- 9. APPROVAL: ECTG PROGRAM MGR.    R. Blanks for    DATE: 6/19/87

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_

Corrective action is in process. This CATD is issued for tracking purposes only.

- 11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_     ATTACHMENTS    DATE: \_\_\_\_\_
- 12. CONCURRENCE: CEG-H: \_\_\_\_\_    DATE: \_\_\_\_\_
- ECTG PROGRAM MANAGER \_\_\_\_\_    DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

- 13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE

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\_\_\_\_\_  
DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION

Applicable ECTG Report No.: SWEC-BLN-100

1. Immediate Corrective Action Required:  Yes  No  
2. Stop Work Recommended:  Yes  No  
3. CATD No. SWEC-BLN-11-001 4. INITIATION DATE 06/15/87  
5. RESPONSIBLE ORGANIZATION: BLN Site Director  
6. PROBLEM DESCRIPTION:  QR  NQR SWEC-BLN-11-001  
Violation 438, 439/85-08-01, Storage of Valves and Motors:

TVA failed to establish adequate measures for storage of motors  
and valves.

ATTACHMENTS

7. PREPARED BY: NAME Don Cossett *Don Cossett* DATE: 06/15/87  
8. CONCURRENCE: CEG-H Al... DATE: 6/18/87  
9. APPROVAL: ECTG PROGRAM MGR. RR... DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

ATTACHMENTS

11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_  
12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE

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TITLE

\_\_\_\_\_  
DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION          Applicable ECTG Report No.:      SWEC-BLN-100

- 1. Immediate Corrective Action Required:     Yes     No
- 2. Stop Work Recommended:     Yes     No
- 3. CATD No. SWEC-BLN-12-001                          4. INITIATION DATE    06/15/87
- 5. RESPONSIBLE ORGANIZATION:    BLN Site Director
- 6. PROBLEM DESCRIPTION:     QR     NQR    SWEC-BLN-12-001  
Follow-up to Violation 438, 439/85-01-01 Preventive Maintenance  
Procedure:

Reference SWEC-BLN-07. Deficiencies in the preventive maintenance  
procedures for valves are not corrected in a timely manner.

- ATTACHMENTS
- 7. PREPARED BY: NAME    Don Cossett    *Don Cossett*    DATE:    06/15/87
  - 8. CONCURRENCE: CEG-H    \_\_\_\_\_    *W. ...*    DATE:    6/18/87
  - 9. APPROVAL: ECTG PROGRAM MGR.    \_\_\_\_\_    *R. ... for*    DATE:    6/19/87

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

- ATTACHMENTS
- 11. PROPOSED BY: DIRECTOR/MGR:    \_\_\_\_\_    DATE:    \_\_\_\_\_
  - 12. CONCURRENCE: CEG-H:    \_\_\_\_\_    DATE:    \_\_\_\_\_
  - ECTG PROGRAM MANAGER    \_\_\_\_\_    DATE:    \_\_\_\_\_

VERIFICATION AND CLOSEOUT

- 13. Approved corrective actions have been verified as satisfactorily implemented.
- \_\_\_\_\_  
SIGNATURE                          TITLE                          DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                Applicable ECTG Report No.:        SWEC-BLN-100

- 1. Immediate Corrective Action Required:     Yes     No
- 2. Stop Work Recommended:     Yes     No
- 3. CATD No. SWEC-BLN-13-001                4. INITIATION DATE 06/15/87
- 5. RESPONSIBLE ORGANIZATION: BLN Site Director
- 6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-13-001  
Follow-up to Violation 438, 439/85-02-01 Engineering Inadequacy:

Reference SWEC-BLN-06-001. TVA presented erroneous engineering arguments concerning anchor bolts, which raised further NRC concern with overall engineering adequacy.

- ATTACHMENTS
- 7. PREPARED BY: NAME Don Cossett *Don Cossett*                DATE: 06/15/87
  - 8. CONCURRENCE: CEG-H          *Adams*                DATE: 6/18/87
  - 9. APPROVAL: ECTG PROGRAM MGR.          *Allick* for                DATE: 6/19/87

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking purposes only.

- ATTACHMENTS
- 11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_
  - 12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

- 13. Approved corrective actions have been verified as satisfactorily implemented.

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SIGNATURE    TITLE    DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                      Applicable ECTG Report No.:      SWEC-BLN-100

1. Immediate Corrective Action Required:     Yes     No
2. Stop Work Recommended:     Yes     No
3. CATD No. SWEC-BLN-18-001                      4. INITIATION DATE    06/15/87
5. RESPONSIBLE ORGANIZATION:    BLN Site Director
6. PROBLEM DESCRIPTION:     QR     NQR    SWEC-BLN-18-001  
Violation 438, 439/85-13-02, Pipe Support Inspection Procedures:

Inspection procedures do not provide guidance, nor is in compliance with Spec. G-43, for determining when measurements for pipe support gaps are to be taken.

- ATTACHMENTS
7. PREPARED BY: NAME Don Cossett                      *Don Cossett*                      DATE:    06/15/87
  8. CONCURRENCE:    CEG-H                      *W. ...*                      DATE:    6/18/87
  9. APPROVAL:    ECTG PROGRAM MGR.                      *... for*                      DATE:    6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN:                      \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking purposes only.

- ATTACHMENTS
11. PROPOSED BY: DIRECTOR/MGR:                      \_\_\_\_\_                      DATE:    \_\_\_\_\_
  12. CONCURRENCE: CEG-H:                      \_\_\_\_\_                      DATE:    \_\_\_\_\_  
ECTG PROGRAM MANAGER                      \_\_\_\_\_                      DATE:    \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_  
SIGNATURE                      TITLE                      DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                      Applicable ECTG Report No.:        SWEC-BLN-100

1. Immediate Corrective Action Required:     Yes     No
2. Stop Work Recommended:     Yes     No
3. CATD No. SWEC-BLN-21-001
4. INITIATION DATE 06/15/87
5. RESPONSIBLE ORGANIZATION: BLN Site Director
6. PROBLEM DESCRIPTION:     QR     NQR    SWEC-BLN-21-001  
IFI 438/85-10-02, Ultrasonic Test on Steam Generator Welds:  
Resolve problems in order to close IFI referenced above. Ensure  
N-UT-19 is in complete compliance with ASME code, Sec. V,  
para. T-424. Resolve calibration block attenuation problems.  

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ATTACHMENTS

- 7. PREPARED BY: NAME Don Cossett *Don Cossett*    DATE: 06/15/87
- 8. CONCURRENCE: CEG-H *W. D. Long*    DATE: 6/18/87
- 9. APPROVAL: ECTG PROGRAM MGR. *B. R. Little* *for*    DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.  

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ATTACHMENTS

- 11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_    DATE: \_\_\_\_\_
- 12. CONCURRENCE: CEG-H: \_\_\_\_\_    DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_    DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.  

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SIGNATURE    TITLE    DATE





ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                      Applicable ECTG Report No.:    SWEC-BLN-100

- 1. Immediate Corrective Action Required:     Yes     No
- 2. Stop Work Recommended:     Yes     No
- 3. CATD No. SWEC-BLN-25-063
- 4. INITIATION DATE 06/15/87
- 5. RESPONSIBLE ORGANIZATION: BLN Site Director
- 6. PROBLEM DESCRIPTION:     QR     NQR    SWEC-BLN-25-063  
NRC SALP - Cable Tray Housekeeping:

Housekeeping efforts in the area of electrical cable trays are  
inadequate.

- 7. PREPARED BY: NAME Don Cossett     ATTACHMENTS    DATE: 06/15/87
- 8. CONCURRENCE: CEG-H Ally    DATE: 6/18/87
- 9. APPROVAL: ECTG PROGRAM MGR. R. Roberts for    DATE: 6/19/87

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

- 11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_     ATTACHMENTS    DATE: \_\_\_\_\_
- 12. CONCURRENCE: CEG-H: \_\_\_\_\_    DATE: \_\_\_\_\_
- ECTG PROGRAM MANAGER \_\_\_\_\_    DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

- 13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION

Applicable ECTG Report No.: SWEC-BLN-100

1. Immediate Corrective Action Required:  Yes  No
2. Stop Work Recommended:  Yes  No
3. CATD No. SWEC-BLN-25-091 4. INITIATION DATE 06/15/87
5. RESPONSIBLE ORGANIZATION: BLN Site Director
6. PROBLEM DESCRIPTION:  QR  NQR SWEC-BLN-25-091  
NRC SALP - Inadequate QC Inspections and Drawings:

QC accepted incorrect fittings on tubing installation. Inspection drawings do not clearly reflect inspection boundaries.

- ATTACHMENTS
7. PREPARED BY: NAME Don Cossett *Don Cossett* DATE: 06/15/87
  8. CONCURRENCE: CEG-H *Al Chapman* DATE: 6/18/87
  9. APPROVAL: ECTG PROGRAM MGR. *R.R. Little* DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking purposes only.

- ATTACHMENTS
11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_
  12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

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SIGNATURE

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DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION         Applicable ECTG Report No.:         SWEC-BLN-100

- 1. Immediate Corrective Action Required:    Yes    No
- 2. Stop Work Recommended:    Yes    No
- 3. CATD No. SWEC-BLN-25-092   4. INITIATION DATE 06/15/87
- 5. RESPONSIBLE ORGANIZATION: BLN Site Director
- 6. PROBLEM DESCRIPTION:    QR    NQR   SWEC-BLN-25-092  
      NRC SALP - Corrective actions for construction deficiencies:  
Corrective action completions for instrument and control  
construction deficiencies was not always timely.

- 7. PREPARED BY: NAME Don Cossett *Don Cossett*    ATTACHMENTS   DATE: 06/15/87
- 8. CONCURRENCE: CEG-H *W. Debbage*   DATE: 6/18/87
- 9. APPROVAL: ECTG PROGRAM MGR. *A. [illegible]*   DATE: 6/19/87

CORRECTIVE ACTION

- 10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

- 11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_    ATTACHMENTS   DATE: \_\_\_\_\_
- 12. CONCURRENCE: CEG-H: \_\_\_\_\_   DATE: \_\_\_\_\_
- ECTG PROGRAM MANAGER \_\_\_\_\_   DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

- 13. Approved corrective actions have been verified as satisfactorily implemented.

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SIGNATURE   TITLE   DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION

Applicable ECTG Report No.: SWEC-BLN-100

1. Immediate Corrective Action Required:  Yes  No  
2. Stop Work Recommended:  Yes  No  
3. CATD No. SWEC-BLN-25-094 4. INITIATION DATE 06/15/87  
5. RESPONSIBLE ORGANIZATION: BLN Site Director  
6. PROBLEM DESCRIPTION:  QR  NQR SWEC-BLN-25-094  
NRC SALP - Fire Damper Installations:

Fire damper installations do not always conform to generally  
accepted industry standards and practices.

P

7. PREPARED BY: NAME Don Cossett Don Cossett  ATTACHMENTS  
8. CONCURRENCE: CEG-H Al Debban DATE: 06/15/87  
9. APPROVAL: ECTG PROGRAM MGR. R. R. White DATE: 6/18/87  
DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_  ATTACHMENTS  
12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily  
implemented.

\_\_\_\_\_  
SIGNATURE TITLE DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION      Applicable ECTG Report No.:      SWEC-BLN-100

1. Immediate Corrective Action Required:     Yes     No
2. Stop Work Recommended:     Yes     No
3. CATD No. SWEC-BLN-25-095      4. INITIATION DATE 06/15/87
5. RESPONSIBLE ORGANIZATION: BLN Site Director
6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-25-095  
NRC SALP - Aux. Bldg. Fire Protection Installation:

The discharge pattern of some of the Auxiliary Building fire  
sprinkler heads is obstructed by overhead plant equipment.

- ATTACHMENTS
7. PREPARED BY: NAME Don Cossett Don Cossett      DATE: 06/15/87
  8. CONCURRENCE: CEG-H W. Schrage      DATE: 6/18/87
  9. APPROVAL: ECTG PROGRAM MGR. R. L. [unclear] for      DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
Corrective action is in process. This CATD is issued for tracking  
purposes only.

- ATTACHMENTS
11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_      DATE: \_\_\_\_\_
  12. CONCURRENCE: CEG-H: \_\_\_\_\_      DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_      DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily  
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DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION

Applicable ECTG Report No.: SWEC-BLN-100

1. Immediate Corrective Action Required:  Yes  No  
2. Stop Work Recommended:  Yes  No  
3. CATD No. SWEC-BLN-25-104 4. INITIATION DATE 06/15/87  
5. RESPONSIBLE ORGANIZATION: BLN Site Director  
6. PROBLEM DESCRIPTION:  QR  NQR SWEC-BLN-25-104  
NRC SALP - Design Control QA Audit Program:

The Design Control QA Audit Program contains deficiencies and is not sufficiently comprehensive.

- ATTACHMENTS
7. PREPARED BY: NAME Don Cossett *Don Cossett* DATE: 06/15/87  
8. CONCURRENCE: CEG-H *Alch... for* DATE: 6/18/87  
9. APPROVAL: ECTG PROGRAM MGR. *Alch... for* DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_

Corrective action is in process. This CATD is issued for tracking purposes only.

- ATTACHMENTS
11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_  
12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_  
ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

\_\_\_\_\_  
SIGNATURE TITLE DATE

ECTG Corrective  
Action Tracking Document  
(CATD)

INITIATION                      Applicable ECTG Report No.:      SWEC-BLN-100

1. Immediate Corrective Action Required:     Yes     No
2. Stop Work Recommended:     Yes     No
3. CATD No. SWEC-BLN-25-105                      4. INITIATION DATE 06/15/87
5. RESPONSIBLE ORGANIZATION: BLN Site Director
6. PROBLEM DESCRIPTION:  QR     NQR    SWEC-BLN-25-105  
NRC SALP - Equipment Storage and Maintenance:

There are deficiencies in the storage and maintenance of safety-related equipment.

- ATTACHMENTS
7. PREPARED BY: NAME Don Cossett    Don Cossett    DATE: 06/15/87
  8. CONCURRENCE: CEG-H    Al Debbage    DATE: 6/18/87
  9. APPROVAL: ECTG PROGRAM MGR.    Al Debbage for    DATE: 6/19/87

CORRECTIVE ACTION

10. PROPOSED CORRECTIVE ACTION PLAN: \_\_\_\_\_  
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- ATTACHMENTS
11. PROPOSED BY: DIRECTOR/MGR: \_\_\_\_\_ DATE: \_\_\_\_\_
  12. CONCURRENCE: CEG-H: \_\_\_\_\_ DATE: \_\_\_\_\_
  - ECTG PROGRAM MANAGER \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFICATION AND CLOSEOUT

13. Approved corrective actions have been verified as satisfactorily implemented.

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