REPORT NUMBER: SWEC-BLN-100

REPORT TYPE: Bellefonte Nuclear Plant Subcategory REVISION NUMBER: C

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 Cuglify  SIGNATURE	6/18/87 DATE
REVIEWS	
PEER:  K. R. Sass  SIGNATURE	6-18-87 DATE
TAS:  PARILLE E. WONDER HU  SIGNATURE	9/29/87 DATE
CONCURRENCES	
SIGNATURE DATE	SIGNATURE DATE
HANAGER DATE MANAGER	N/A OF NUCLEAR POWER DATE (FINAL REPORT ONLY)

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

5144T

8710140081 871007 PDR ADDCK 05000259 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

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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.

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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).

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#### 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
AVT	Tennessee Valley Authority
TVTLC	Tennessee Valley Trades and Labor Council
UT	Ultrasonic Testing
VI	Visual Testing
WBECSP	Watts Bar Employee Concern Special Program
WBN	Watts Bar Nuclear Plant
WR	Work Request or Work Rules
WP	Workplans

### 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 statused 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 statused as having satisfactory corrective action in progress. CATDs for these issues are listed in section 4.2.
- No issues were statused 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 <b>%</b>
•	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

ELEMENT NUMBER	ELEMENT/DESCRIPTION	CONCERNS NUMBERS	CLOSED	<u>OPEN</u>	COMMENT
SWEC-BLN-01	NRC Inspection Report 438,439/84-22:	A02841101002-001	x		
	spent fuel storage racks	A02841101002-002	X		
SWEC-BLN-02	NRC Inspection Report 438,439/84-21: welding of structures and supports	A02841101003-001	<b>x</b>		
SWEC-BLN-03	NRC Inspection Report 438,439/84-20:	A02841106002-001		Х	1
·	QA inspection of protective coatings	A02841106002-002	X	•	1
SWEC-BLN-04	NRC Inspection Report 438,439/84-24:	A02841221009-001		X	1
	permanent plant fire protection	A02841221009-002	•	X	1
	features	A02841221009-003		X	2
		A02841221009-004		<b>X</b> .	2
		A02841221009-005		X	2
•		A02841221009-006		Х	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:	A02850219012-001		x	2
	review of audit procedures and records	A02850219012-002		X	2
	•	A02850219012-003		X	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:	A02850313014-001	<b>X</b> ·	•	•
	steel structures and supports	A02850313014-002	X		
*,	Total - as as as as a nakkar on	202030323014-005	A		

<sup>1 =</sup> Ready for NRC Closure
2 = Corrective Action in Progress
3 = Corrective Action Not Adequate



#### SWEC ISSUES - BLN

· · · · · · · · · · · · · · · · · · ·	SWEC	ISSUES - BLN			i Abbaahmant A
ELEMENT NUMBER	ELEMENT/DESCRIPTION	CONCERNS NUMBERS	CLOSED	<u>OPEN</u>	Attachment A COMMENT
SWEC-BLN-10	NRC Inspection Report 438,439/85-07: welding of safety related piping,	A02850401005-001		<b>X</b>	2
	fire protection and prevention		•		t
SWEC-BLN-11	NRC Inspection Report 438,439/85-08:	A02850411004-001	x	X ·	2
	containment penetrations and spent fuel storage racks	A02850411004-002 A02850411004-003	<b>X</b> .		
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 construction sites	A02850517001-012	<b>X</b>		
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:	A02850523007-001	x	•	
SWEG-BERT-10	welding activities, construction testing	A02850053007-002	<b>X</b>		!
SWEC-BLN-17	NRC letter involving concerns with TVA construction sites	A02850524001-013	x		

<sup>1 =</sup> Ready for NRC Closure 2 = Corrective Action in Progress 3 = Corrective Action Not Adequate



### SWEC ISSUES - BLN

Attachment A

ELEMENT NUMBER	ELEMENT/DESCRIPTION	CONCERNS NUMBERS	CLOSED	OPEN	COMMENTS
SWEC-BLN-18	NRC Inspection Report 438,439/85-13: seismic analysis inspection of as-builts	A02850606004-001 A02850606004-002		X X	2
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		<b>X</b>	2
SWEC-BLN-23	NRC Inspection Report 438, 439/85-22: Follow up to URI 438, 439/84-22-03	A02860113004-001		<b>X</b>	<b>1</b>
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	2 2 2 2 2 2 2

<sup>1 =</sup> Ready for NRC Closure
2 = Corrective Action in Progress
3 = Corrective Action Not Adequate



#### SWEC ISSUES - BLN

Attachment A COMMENTS .

ELEMENT NUMBER	ELEMENT/DESCRIPTION_	CONCERNS NUMBERS	CLOSED	<u>OPEN</u>
SWEC-BLN-26	Termination of employee	A47851105001-001	. <b>X</b>	
SWEC-BLN-27	INPO drafts of accreditation	L00850403294-003	X	

<sup>1 =</sup> Ready for NRC Closure
2 = Corrective Action in Progress
3 = Corrective Action Not Adequate

INITIATION	Applicable ECTG Report No.:	SWEC-BLN-100
1. 2. 3.	Immediate Corrective Action Required Stop Work Recommended: Yes X CATD No. SWEC-BLN-04-003 4. RESPONSIBLE ORGANIZATION: BLN Site	No INITIATION DATE 06/15/87 Director
6.	PROBLEM DESCRIPTION: PR QR   NQR   SW Deviation 438, 439/83-10-01, Fire Property Relief Valve:	rotection Automatic Start and
٠.	Portions of Fire Protection Systems NFPA codes. (Item open)	do not conform to design of
		☐ ATTACHMENTS
7 <i>.</i> 8. 9.	PREPARED BY: NAME Don Cossett Hoconcurrence: CEG-H APPROVAL: ECTG PROGRAM MGR.	DAIL: 6/18/4
CORRECTIVE	ACTION	
10.	PROPOSED CORRECTIVE ACTION PLAN:	
	Corrective action is in process. T purposes only.	his CATD is issued for tracking
,		
		☐ ATTACHMENTS
11.	PROPOSED BY: DIRECTOR/MGR:	DATE:
12.	CONCURRENCE: CEG-H: ECTG PROGRAM MANAGER	DATE:
VERIFICATI	ON AND CLOSEOUT	
13.	Approved corrective actions have been implemented.	en verified as satisfactorily
	SIGNATURE	TITLE DATE

INITIATION	Applicable ECTG Report No.: SWEC-BLN-100
1. 2. 3. 5. 6.	Immediate Corrective Action Required:   Stop Work Recommended:   Yes No CATD No. SWEC-BLN-04-004   RESPONSIBLE ORGANIZATION:  BLN Site Director 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 EP1.55, Fire Protection Quality Assurance Program, when implemented, will probably meet the requirements of SRP 9.5.1.
7. 8. 9.	PREPARED BY: NAME Don Cossett Our Cossett DATE: 06/15/87 CONCURRENCE: CEG-H DATE: 6/18/67 APPROVAL: ECTG PROGRAM MGR. BRUSH FO DATE: 6/19/07
CORRECTIVE	ACTION
10.	PROPOSED CORRECTIVE ACTION PLAN:  Corrective action is in process. This CATD is issued for tracking purposes only.
- · · · · · · · · · · · · · · · · · · ·	
11. 12.	PROPOSED BY: DIRECTOR/MGR: DATE:  CONCURRENCE: CEG-H: DATE:  ECTG PROGRAM MANAGER DATE:
<u>VERIFICATI</u>	ON AND CLOSEOUT
13.	Approved corrective actions have been verified as satisfactorily implemented.
	SIGNATURE TITLE DATE

NITIATION	Applicable ECTG Report No.: SWEC-BLN-100
1.	Immediate Corrective Action Required:  Yes M. No
2.	Stop Work Recommended:   Yes No No TNITTATION DATE 06/15/87
3.	CATO NO. SWEC-BLN-04-005  4. INITIATION DATE 06/15/87
	RESPONSIBLE ORGANIZATION: BLN Site Director PROBLEM DESCRIPTION: SZ QR   NQR   SWEC-BLN-04-005
6	Deviation 438, 439/83-10-05, Improper Fire Damper Installations:
	Deviation 438, 439703-10-03, improper 1126 bampor 2000000000000000000000000000000000000
	This CATD to remain open pending completion of necessary fire
	damper installation modifications by TVA.
•	
	□ ATTACHMENTS
7.	PREPARED DI. MAND DON GOODEGO ASSOCIA
8.	CONCURRENCE. GEO-II
9.	APPROVAL: ECTG PROGRAM MGR. BRILLE DATE: 6/19/6/
	ACTION
CORRECTIVE	ACTION
10	PROPOSED CORRECTIVE ACTION PLAN:
10.	
	Corrective action is in process. This CATD is issued for tracking
	purposes only.
-	
	ATTACHMENTS
11.	PROPOSED B1. DIRECTORY HOR.
12.	CONCURRENCE: CEG-H: DATE: DATE: DATE:
	ECIG PROGRAM MANAGER
VERIFICAT]	ON AND CLOSEOUT
<u> </u>	
13.	Approved corrective actions have been verified as satisfactorily
	implemented.
	SIGNATURE TITLE DATE
	SIGNATURE TITLE DATE

INITIATION	Applicable ECTG Report No	.: SWEC-BLN	-100	
1111111111				
1.	Immediate Corrective Action Requ	ired: 🗆 Yes	⊠ No	
2.	Stop Work Recommended:   Yes	⊠ No	DAMP 0//15/07	
<b>3.</b> "	CATD No. SWEC-BLN-04-006 RESPONSIBLE ORGANIZATION: BLN S	_4. INITIATION	DATE 06/15/8/	
5.	RESPONSIBLE ORGANIZATION: BLN S	ite Director		
6.	PROBLEM DESCRIPTION: A QR   NQR	SWEC-BLN-04-C	106	
	IFI 438, 439/83-10-04, Re-evalu	ation of Hydros	tatic lests of	
	Fire Protection Piping Systems:			
	This CATD to remain open pendin	g completion of	hydro testing by	
•	TVA Mechanical Engineering Grou	n	Hydro debuing -	
	IVA Hechanical Engineering Orou	<u> </u>		
			□ ATTACHMEN	TS
7.	PREPARED BY: NAME Don Cossett	Don Consel	DATE: 06/15/	
8.	CONCURRENCE: CEG-H	Whebbuer	DATE: <i>6/18/</i>	87
9.	APPROVAL: ECTG PROGRAM MGR.	8 Ruis	DATE: 6/19/	97_
	•			
CORRECTIVE	ACTION			
			-	
10.	PROPOSED CORRECTIVE ACTION PLAN:			
		This CATD is	icanod for trock	
	Corrective action is in process		issued for crack	1116
	purposes only.			
	- 1			
- •				
			☐ ATTACHMEN	TS_
11.	PROPOSED BY: DIRECTOR/MGR:		DATE:	
12.	CONCURRENCE: CEG-H:		DATE:	
	ECTG PROGRAM MANAGER		DATE:	
			,	
VERIFICATI	ON AND CLOSEOUT		•	
<del></del>				
13.	Approved corrective actions have	been verified	as satisfactorily	
	implemented.		·	
			<i>:</i>	
	CTCNATURE	TITLE	DATE	
	SIGNATURE	11100	DATE	

# Action Tracking Document (CATD)

MOITATION	Applicable ECTG Report No.:	SWEC-BLN-10	00
		-	
	Immediate Corrective Action Required	: U res pa	NO
2.	Stop Work Recommended:   Yes   Yes	NO	TP 04/35/97
3	CATD No. SWEC-BLN-07-001 4. RESPONSIBLE ORGANIZATION: BLN Site	INITIATION DA	TE 06/15/6/
5	RESPONSIBLE ORGANIZATION: BLN Site	Director	
6.	PROBLEM DESCRIPTION: X QR   NQR   Sk	EC-BLN-07-001	
	Violation 438, 439/85-01-01, Develo	pment of Valve	e Maintenance
	Requirements:		
	The state of the s	almag with Tie	itorque operators
	The PM program for safety-related v	alves with Li	artorque operators
•	does not ensure prompt corrective a	etion.	
•			☐ ATTACHMENTS
-	PREPARED BY: NAME Don Cossett	Beech	
	CONCURRENCE: CEG-H	bless	DATE: 6/18/87
٥.	APPROVAL: ECTG PROGRAM MGR	20111	DATE: 6/19/07
9.	APPROVAL: ECIG PROGRAM MOR	Sie for	- DRIE 6/11/07
AODDECTTUE	ACTION	*	
CORRECTIVE	ACTION	•	men v ma
10	PROPOSED CORRECTIVE ACTION PLAN:	•	
10	PROPOSED CORRECTIVE ACTION 1 Bill.		· · · · · · · · · · · · · · · · · · ·
	Corrective action is in process. I	his CATD is i	ssued for tracking
	purposes only.		
	purposes only.		
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			22.2
		<del></del>	
••	*	•	☐ ATTACHMENTS
3.9	PROPOSED BY: DIRECTOR/MGR:	<del></del>	
	CONCURRENCE. CEC U.		DATE:
12.			DATE:
	ECTG PROGRAM MANAGER		_ DATE:
	TON AND GLOGBOUT		
VERIFICATI	ION AND CLOSEOUT		•
	turned compating oations have been	- wamified as	antiafontomily
13.	Approved corrective actions have been	en verilled as	satistactority
	implemented.		
		•	
	OT ON A TUDE	TTTLE	DATE
	SIGNATURE	TITLE	DATE

# Action Tracking Document (CATD)

	Applicable ECTG Report No.: SWEC-BLN-100
INITIATION	Applicable ECTG Report No.
INTITATION	Immediate Corrective Action Required:  Yes  No
	Immediate Corrective Action Required.
1.	Immediate Corrective Action No.  Stop Work Recommended:  Yes No.  Stop Work Recommended:  4. INITIATION DATE 06/15/87  CATD No. SWEC-BLN-07-002 4. INITIATION DATE 06/15/87
2.	SUP No. SWEC-BLN-07-002 4. INTITATION
3.	CATO NO. SWEET OPERANTZATION: BLN Site Director
5	
6.	
	Violation 438, 439/83-24-01, Questionable UI Exams., examination 439/85-01-02 - Exam. Reqts. for Elect. Penetrations:
	100/05 01-07 - Exam. Regov
	Procedures are inadequate for performing UT examinations on
	Procedures are inadequate for performing of the
•	containment enetrations.
	contailment discounting q
	☐ ATTACHMENTS
	ATTROMISME  ATTROMISME  DATE: 06/15/87
•	PREPARED BY: NAME Don Cossett Con Cossett DATE: 06/15/87  DATE: 6/18/87
7.	PREPARED BY: NAME Don Cossett Low Cossett DATE: 6/18/87
, . 8.	CONCURRENCE: CEG-H CONCURRENCE: CEG-H DATE: 6/19/07
	APPROVAL: ECTG PROGRAM MGR. ARMAD DATE: 2/14/6/
9.	AFT NOVIL
	- CONTON
CORRECTIV	E ACTION
	PROPOSED CORRECTIVE ACTION PLAN:
10.	PROPOSED CORRECTIVE ACTION
	Corrective action is in process. This CATD is issued for tracking
	Corrective action is in process. Into care
	purposes only.
	parposes
	□ ATTACHMENTS
	PROPOSED BY: DIRECTOR/MGR: DATE:
11.	PROPOSED DI. DIALE.
12	CONCURRENCE: CEG-H: DATE:
	ECTG PROGRAM MANAGER
	ATION AND CLOSEOUT
VERIFIC	ATION AND CHOOSE .  Approved corrective actions have been verified as satisfactorily
	corrective actions have been verified as sacratactorial
13	. Approved corrective document
	implemented.
:	TITLE
i	SIGNATURE TITLE DATE

INITIATION	Applicable ECTG Report No.:	SWEC-BLN-100	
1.	Immediate Corrective Action Requir	ed: 🗆 Yes 🔼 No	
^	Stan Uark Pacammanded: A Yes B	ON D	04 /3 5 /07
3	CATD No. SWEC-BLN-07-003 4	. INITIATION DATE	06/15/8/
5.= ···	RESPONSIBLE ORGANIZATION: BLN Sit	e Director	
- 6.	PROBLEM DESCRIPTION: X QR I NQR _	SWEC-BLN-07-003	
	URI 438, 439/84-06-01, Post Weld	Heat Treatment:	
			ata da not
	Records for Reactor Coolant Press	ure Boundary Compone	oupon
	verify proper post weld heat tres	tment and material c	oupon
•	notch toughness.		
			ATTACHMENTS
	PREPARED BY: NAME Don Cossett		
	PREPARED BY: NAME DOIL COSSECUTION	DAT	E: 6/18/87
8.	CONCURRENCE: CEG-H APPROVAL: ECTG PROGRAM MGR.	RR Deliber La DAT	E: 6/19/97
9.	APPROVAL: ECIG PROGRAM NOW.	Charles J.	<del></del>
CORRECTION	ACTION		•
CORRECTIVE	ACTION	·	
10	PROPOSED CORRECTIVE ACTION PLAN:		
10.			
	Corrective action is in process.	This CATD is issued	for tracking
	purposes only.		
	Att consisted		· · · ·
			ATTACHMENTS
11	PROPOSED BY: DIRECTOR/MGR:	DA1	re:
12	CONCURRENCE: CEG-H:	DA1	
	ECTG PROGRAM MANAGER	DA1	TE:
		•	•
VERIFICAT]	ON AND CLOSEOUT		
13.	Approved corrective actions have	been verified as sat	isfactorily
	implemented.	•	•
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			DAMP.
	SIGNATURE	TITLE	DATE

# Action Tracking Document (CATD)

INITIATION	Applicable ECTG Report No.:	SWEC-BLN-100						
		m yes of No						
	Immediate Corrective Action Required:	Li les pa no						
2.	Stop Work Recommended:   Yes   N	10 Turminatou Dame 0//15/97						
3.	CATD No. SWEC-BLN-10-001 4.	INITIATION DATE U6/15/6/						
5.	RESPONSIBLE ORGANIZATION: BLN Site D	irector						
6.	PROBLEM DESCRIPTION: X QR   NQR   SWEC-BLN-10-001 Violation 438, 439/85-07-01, QC personnel eye examinations:							
	Violation 438, 439/85-07-01, QC pers	onner eye examinations:						
	TVA failed to provide annual eye exa	minations for QC personnel.						
	Examinations are currently being giv	en every three (3) years.						
•								
		C. AMELICUV DAME						
_	THE PART OF THE PA	ATTACHMENTS DATE: 06/15/87						
7.	PREPARED BY: NAME Don Cossett Concurrence: CEG-H							
8.								
9.	APPROVAL: ECTG PROGRAM MGR	DATE: 6/14/41						
CORRECTIVE	ACTION							
	-	· · · · · · · · · · · · · · · · · · ·						
10.	PROPOSED CORRECTIVE ACTION PLAN:							
	Corrective action is in process. Th	is CATD is issued for tracking						
	purposes only.							
	purposes onego							
• •		and the second s						
		☐ ATTACHMENTS						
11.	PROPOSED BY: DIRECTOR/MGR:	DATE:						
12.	CONCURRENCE: CEG-H:	DATE:						
	ECTG PROGRAM MANAGER	DATE:						
***************************************	ON AND GLOCEOUT							
VERIFICALI	ON AND CLOSEOUT							
13.	Approved corrective actions have been	verified as satisfactorily						
	implemented.							
		<u> </u>						
	SIGNATURE	TITLE DATE						
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NITIATION	Applicable ECTG Report No	.: SWEC-BLN-1	.00
1.	Immediate Corrective Action Requ	ired:  Yes	X No
2.	Stop Work Recommended:   Yes	No No	APP 0//15/07
3	CATD No. SWEC-BLN-11-001	4. INITIATION D	)ATEU6/15/8/
5	RESPONSIBLE ORGANIZATION: BLN S	TTE DIRECTOR	1
6.	PROBLEM DESCRIPTION: X QR I NQR	SWEC-BLN-11-UU	and Wotors:
	Violation 438, 439/85-08-01, St	orage of valves a	ind Hotors.
	TVA failed to establish adequat	a maggurag for st	orage of motors
	and valves.	e measares tor b	JOE UNIO DE LINO DE LA COLONIA
	and valves.		
			☐ ATTACHMENTS
7.	PREPARED BY: NAME Don Cossett	Don Consett	DATE:06/15/87_
8.	CONCURRENCE: CEG-H a	Wester	DATE: <i>6/18/87</i>
	APPROVAL: ECTG PROGRAM MGR.	RRHilly for	DATE: _6/(9/87
	<del></del> :	,	, ,
CORRECTIVE	ACTION		
	<u></u>	•	
10	PROPOSED CORRECTIVE ACTION PLAN:		
4		mit camp is	in-wed for trocking
	Corrective action is in process	. This CAID is	issued for tracking
	purposes only.		
			-
- · <del>-</del>			
•			
			ATTACHMENTS
.11	PROPOSED BY: DIRECTOR/MGR:		DATE:
	CONCURRENCE: CEG-H:		DATE:
12.	ECTG PROGRAM MANAGER		DATE:
VERTFICATI	ON AND CLOSEOUT	,	
72.2.2.4.1.2.2			·
13.	Approved corrective actions have implemented.	e been verified a	s satisfactorily
	SIGNATURE	TITLE	DATE
	# & WETTER WATER		

INITIATION	Applicable ECTG Report No.: SWEC-BLN-100
2. 3	Immediate Corrective Action Required:  Yes No Stop Work Recommended: Yes No CATD No. SWEC-BLN-12-001 4. INITIATION DATE 06/15/87 RESPONSIBLE ORGANIZATION: BLN Site Director PROBLEM DESCRIPTION: QR NOR 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 Que Cossett DATE: 06/15/87
8.	CONCURRENCE: CEG-H Westbare DATE: 6/18/87
	APPROVAL: ECTG PROGRAM MGR. Relate for DATE: 6/19/97
CORRECTIVE	ACTION
10.	PROPOSED CORRECTIVE ACTION PLAN:
	Corrective action is in process. This CATD is issued for tracking
	purposes only.
	PROPOSED BY: DIRECTOR/MGR: DATE:
	CONCURRENCE: CEG-H: DATE:
12.	ECTG PROGRAM MANAGER DATE:
VERIFICATION OF THE PROPERTY O	ON AND CLOSEOUT
13.	Approved corrective actions have been verified as satisfactorily implemented.
	SIGNATURE TITLE DATE

### <u>Action Tracking Document</u> (CATD)

INITIATION	Applicable ECTG Report No	.: SWEC-BLN-10	0
. 1	Immediate Corrective Action Requ	ired: □ Yes 🕱	No
_	Chambar Decommonded: M Ves	NX No	
3	CATD No. SWEC-BLN-13-001	4. INITIATION DA	TE 06/15/87
5.	CATD No. SWEC-BLN-13-001 RESPONSIBLE ORGANIZATION: BLN S	ite Director	
6.	DPORTEM DESCRIPTION: MICH II NOR	2MFC-PFN-T3-AAT	
	Follow-up to Violation 438, 439	/85-U2-U1 Engineer	ing inadequacy.
	Reference SWEC-BLN-06-001. TVA	presented erroneo	us engineering
•	arguments concerning anchor bol	ts, which raised f	urther NRC
•	concern with overall engineerin	g adequacy.	
	·		☐ ATTACHMENTS
		0 0 00	
7.	PREPARED BY: NAME Don Cossett	Non Coall	DATE: $\frac{6/18/87}{6}$
8.	CONCURRENCE: CEG-H	DOUTH L	DATE: 6/19/87
9.	APPROVAL: ECIG PROGRAM MGR.	13 Konnes for	
CORRECTIVE	ACTION		
10.	PROPOSED CORRECTIVE ACTION PLAN:		
	Corrective action is in process	. This CATD is is	sued for tracking
	purposes only.		
** * ** **			
			☐ ATTACHMENTS
4 1	PROPOSED BY: DIRECTOR/MGR:	<del></del>	DATE:
	CONCURRENCE: CEG-H:		DATE:
12.	ECTG PROGRAM MANAGER		DATE:
	ECIG FROOKEN IMMNOBA		
<u>VERIFICATI</u>	ON AND CLOSEOUT		
13.	Approved corrective actions have implemented.	e been verified as	satisfactorily
			<u></u>
	SIGNATURE	TITLE	DATE

INITIATION	Applicable ECTG Report N	o.: SWEC-BLN-100
1.	Immediate Corrective Action Req	uired: 🗆 Yes 🗹 No
2.		⊠ No
2	CATD No. SWEC-RIN-18-001	4. INITIATION DATE 06/15/87
J.	PECDONCIRLE ORGANIZATION: RIN	4. INITIATION DATE 06/15/87 Site Director
6. ~	PROBLEM DESCRIPTION: S QR INQU	SWEC-BLN-18-001
<b>0</b> .	Violetion A38 A39/85-13-02 P	ipe Support Inspection Procedures:
	V1018C10H 430, 433703-13-02, 1	ipo deport zaspototom izototom
	Inspection procedures do not n	rovide guidance, nor is in complianc
	with Spec G-43 for determini	ng when measurements for pipe suppor
	gaps are to be taken.	ing vittor modeles in the second seco
	gaps are to be taken.	
		☐ ATTACHMENTS
7.	PREPARED BY: NAME Don Cosset	
8.	CONCURRENCE: CEG-H	DATE: 6/18/87
9.	APPROVAL: ECTG PROGRAM MGR.	BRUTH RO DATE: 6/19/87
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CORRECTIVE	ACTION	•
CORRECTIVE		
10	PROPOSED CORRECTIVE ACTION PLAN	•
10.	TROTOGED COMMENCE HOLDEN	
	Corrective action is in proces	s. This CATD is issued for tracking
	purposes only.	
	par poods single	
		The second secon
-,		
		☐ ATTACHMENTS
11	PROPOSED BY: DIRECTOR/MGR:	DATE:
	CONCURRENCE: CEG-H:	
12.	ECTG PROGRAM MANAGER	DATE:
	Edio i Roduini immobil	
VERIFICATI	ON AND CLOSEOUT	
	•	:
13.	Approved corrective actions have	e been verified as satisfactorily
	implemented.	
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	SIGNATURE	TITLE DATE
		·

INITIATION	Applicable ECTG Report No.: SWEC-BLN-100
2.	Immediate Corrective Action Required: ☐ Yes Ø No Stop Work Recommended: ☐ Yes Ø No GATD No. SWEC-BLN-21-001
	Resolve problems in order to close IFI referenced shove. Ensure
•	N-UT-19 is in complete compliance with ASME code, Sec. V, para. T-424. Resolve calibration block attenuation problems.
	para. 1-424. Resolve Calibration Sides december 1
	□ ATTACHMENTS
7.	PREPARED BY: NAME Don Cossett Dan Essett DATE: 06/15/87 CONCURRENCE: CEG-H UKA Chara DATE: 6/18/87
	CONCORRENOS. GEO II
9.	APPROVAL: ECTG PROGRAM MGR. BRILLE FO DATE: 6/19/61
CORRECTIVE	ACTION
CORRECTIVE	ACTION .
10	PROPOSED CORRECTIVE ACTION PLAN:
	Corrective action is in process. This CATD is issued for tracking
	purposes only.
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- •	- A PMA GULVINIMO
	DROPOSED BY: DIRECTOR/MGR: DATE:
	FROFOSED BI: DIRECTOR HOR:
12.	CONCURRENCE: CEG-H: DATE: DATE: DATE:
•	ECTG PROGRAM MANAGER DATE.
VERIFICATI	ON AND CLOSEOUT
13.	Approved corrective actions have been verified as satisfactorily implemented.
	SIGNATURE TITLE DATE

INITIATION	Applicable ECTG Report No.	SWEC-BLN-10	0
THILITON	4 **		
1.	Immediate Corrective Action Requir	red: 🗆 Yes 🙇	No
_	at the process and add to Tage 1	T N1∧	
3.	CATD No. SWEC-BLN-22-001	. INITIATION DA	TE 06/15/87
~ 5. ··· ~	CATD No. SWEC-BLN-22-001 RESPONSIBLE ORGANIZATION: BLN Si	te Director	
6.	PROBLEM DESCRIPTION: 25 QK LI NQK _	SMEC-DEN-55-001	
	Violation 438, 439/85-22-02, HVA	C Duct Maps:	
			duck mana wood
	Heating, Ventilation, and Air Co	nditioning (HVAC)	duct maps, used
	to identify each duct section ne	eding inspecting,	omitted four (4)
•	sections causing the HVAC inspec	tion effort to be	incomplete.
			☐ ATTACHMENTS
	The same of the sa	1) 6	
7.	PREPARED BY: NAME Don Cossett CONCURRENCE: CEG-H	Vou cosser	DATE: 6/18/87
8.	APPROVAL: ECTG PROGRAM MGR.	0000	DATE: 6/19/87
9.	APPROVAL: ECIG PROGRAM MGR.	and the	<u> </u>
CORRECTIE	ACTION	V	
CORRECTIVE	ACTION		
10	PROPOSED CORRECTIVE ACTION PLAN:		
10.			
	Corrective action is in process.	This CATD is is	ssued for tracking
	purposes only.		
	3.		
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	1	<u> </u>	ATTACHMENTS
11.	PROPOSED BY: DIRECTOR/MGR:		_ DATE:
12.	CONCURRENCE: CEG-H:		_ DATE:
•	ECTG PROGRAM MANAGER		_ DATE:
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VERIFICATI	ON AND CLOSEOUT		
		haan mamidiadia-	caticfootamily
13.	Approved corrective actions have	peen verilled as	Sacistaccority
	implemented.		
	GT GVA TUDE	TITLE	DATE
	SIGNATURE	TITLE	DAIL

INITIATION	Applicable ECTG Report No.: SWEC-BLN-100	
1.	Immediate Corrective Action Required:  Yes X No	
2.	Stop Work Recommended:  Yes M No	
3.	CATD No. SWEC-BLN-25-063 4. INITIATION DATE 06/15/87	
5.	RESPONSIBLE ORGANIZATION: BLN Site Director	
6.	PROBLEM DESCRIPTION: AS OR NOR SWEC-BLN-25-063	
	NRC SALP - Cable Tray Housekeeping:	
	Housekeeping efforts in the area of electrical cable trays are	
	inadequate.	
	ATTACHMENT	<u>s</u>
7.	PREPARED BY: NAME Don Cossett One Cossett DATE: 06/15/8	37
/. 8.	CONCURPENCE: CFG-H WWW. Server DAIL: W//K/K	
9.	$\frac{1}{2} \frac{1}{2} \frac{1}$	
<b>3</b> •	ATTROVAD. 2010 INCOME.	
CORRECTIVE	E ACTION	
	PROPOSED CORRECTIVE ACTION PLAN:	
10.		
	Corrective action is in process. This CATD is issued for tracking	ng
	purposes only.	
- c a market ex-		
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	□ ATTACHMENT	<u>'S</u>
1.1.5	PROPOSED BY: DIRECTOR/MGR: DATE:	
12.	DATE.	
12.	ECTG PROGRAM MANAGER DATE:	
VERIFICATI	ION AND CLOSEOUT	
13.	Approved corrective actions have been verified as satisfactorily	
	implemented.	
	SIGNATURE TITLE DATE	

INITIATION.	Applicable ECTG Report No	.: SWEC-BLN-100	
2.	Immediate Corrective Action Requistop Work Recommended:  Yes CATD No. SWEC-BLN-25-091 RESPONSIBLE ORGANIZATION: BLN S PROBLEM DESCRIPTION:  QR  NQR NRC SALP - Inadequate QC Inspec	M No 4. INITIATION DATE 0 ite Director SWEC-BLN-25-091 tions and Drawings:	
-	QC accepted incorrect fittings drawings do not clearly reflect	inspection boundaries.	
			ATTACHMENTS
7.	PREPARED BY: NAME Don Cossett	Dan Corrett DATE	
8.		DATE	
9.	APPROVAL: ECTG PROGRAM MGR.	RRUTH PATE	: <u>-6/(4/8/-</u>
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
	DEPENDENCE VAN	DAT	
11.			
12.	CONCURRENCE: CEG-H:	DAT	
	ECTG PROGRAM MANAGER		·
VERIFICATI	ON AND CLOSEOUT		
13.	Approved corrective actions have implemented.	e been verified as sati	sfactorily
		<u>.</u>	
	SIGNATURE	TITLE	DATE

# Action Tracking Document (CATD)

INITIATION		Applica	ble EC	CTG Rep	oort	No.:	SW	EC-BLN	-100			
1.	Immedia	ate Corr	ective	Actio	on Re	equire	d: □	Yes	风	No	•	
2	Stop We	ork Reco	mmende	ad: □	Ye	s Mar	No					
3	-CATD No	. SWEC-	BLN-25	5-092		4.	INIT	IATION	[AC	E 06	<u>/15/87</u>	
	PECPONS	RTRLE OR	RGANTZ/	ATION:	BLI	V Site	pirec	tor				
6.	PROBLEM	M DESCRI	[PTION:	: DECOR		QR S	WEC-BL	N-25-0	092			
	NRC SA	ALP - Co	rrect	ive act	tions	for	constr	<u>uction</u>	def	icien	cies:	
	Corre	ctive ac	tion o	comple	tions	s for	instru	ment a	ind c	contro	<u>1</u>	
	const	ruction	defic	iencie:	s wa	s not	<u>always</u>	timel	у		<del></del>	
•												
						<del> </del>			-		TTACHI	
7.	PREPAR	ED BY:	NAME	Don	Coss	ett A	Sou la	ull	<u></u>	DATE:		15/87
8.	CONCUR	RENCE:					blage		<del></del>		_6/	
9.	APPROV.	AL: EC	rg Pro	GRAM M	GR.	A	llips	f		DATE:	_6//	9/8/
•											·	•
CORRECTIVE	ACTION	_									•	
10.	PROPOS	ED CORRI	ECTIVE	ACTIO	N PL	AN: _						
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	Corre	ctive a	<u>ction</u>	<u>is in</u>	proc	ess.	This C	ATD 18	8 1S	suea I	or tre	ecking
•	purpo	ses onl	у									
and America in solution												
												<del> </del>
									<u> </u>			VDV60
	a management										ATTACH	MENTS
11.		SED BY:			R:					DATE:		
12.		RRENCE:								DATE:		
	ECTG F	PROGRAM	MANAGE	ER						DATE:		
											-	
VERIFICATI	ON AND	CLOSEOU	T									
												• -
13.	Approv	ved corr	ective	e actio	ons h	lave be	en ver	rified	8.5	satisi	actor	1
	implem	mented.									•	
	-			-								
										<u></u>		
		SIGNA	TURE					TITLE			D	ATE

	ATTON Applicable ECTG Report No.: SWEC-BLN-100			
	Applicable ECTG Report No.			
INITIATION	Immediate Corrective Action Required:  Yes X No			
	Tundiste Corrective Action Required.			
1.	Immediate Corrective Action Regulation No Stop Work Recommended:  Yes No INITIATION DATE 06/15/87			
2.	Stop Work Recommended 4. INTITATION			
3.	CATD NO. SWED SENIZATION: BLN Site Director			
5.	Immediate Corrective Action Required  Stop Work Recommended:			
6.	PROBLEM DESCRIPTIONS:			
	PROBLEM DESCRIPTION: EX QR I NQR Substitution NRC SALP - Fire Damper Installations:  NRC SALP - Fire Damper Installations do not always conform to generally  Fire damper installations do not always conform to generally			
	Fire damper installations do not always conform accepted industry standards and practices.			
•	accepted industry standard			
	P ATTACHMENTS			
,	DATE: 06/15/87			
**	Constt Par Parelle Min 1/10/12			
_	PREPARED BY: NAME Don Cossett Don Cossett DATE: 06/15/87  CONCURRENCE: CEG-H  CONCURRE			
7.	CONCURRENCE: CEG-H WALLE DATE: 6/19/9/			
8.	CONCURRENCE: CEG-H APPROVAL: ECTG PROGRAM MGR. RRULL GOT DATE: DAT			
9.	APPROVAD.			
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10.	DDODUSED CORRECT			
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11	Corrective action is in process. This CATD is Issued Total purposes only.  PROPOSED BY: DIRECTOR/MGR:			
11 12	Corrective action is in process. This CATD is issued for purposes only.    Date:			
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INITIATION	Applicable ECTG Report No.	: SWEC-BLN	-100	•		
	Immediate Corrective Action Requi	red: LI 162	PT NO			
2.	Stop Work Recommended:  Yes X No					
3.	-CATD No. SWEC-BLN-25-095 4. INITIATION DATE 06/15/87 -RESPONSIBLE ORGANIZATION: BLN Site Director					
	RESPONSIBLE ORGANIZATION: BLN 51	CUEC_RIN_25_C	195			
6.	6. PROBLEM DESCRIPTION: DX QR D NQR SWEC-BLN-25-095  NRC SALP - Aux. Bldg. Fire Protection Installation:					
•	NRC SALP - Aux. Blug. File Floce	CCION INDICATIO				
	The discharge pattern of some of	the Auxiliary	Building f	fire		
	sprinkler heads is obstructed by	overhead plan	t equipment			
	Sprinkier neads to observed by					
• •						
				TACHMENTS		
7.	PREPARED BY: NAME Don Cossett	Don Cosset	DATE:	06/15/87		
8.	CONCURRENCE: CEG-H W	Sebbage	DAIL: _	6/18/87		
9.	APPROVAL: ECTG PROGRAM MGR.	RRULL	DATE:	6/19/07		
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CORRECTIVE	ACTION	•		•		
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10.	PROPOSED CORRECTIVE ACTION PLAN:					
	Corrective action is in process.	This CATD is	issued for	r tracking		
	purposes only.					
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				TACHMENTS		
11.	PROPOSED BY: DIRECTOR/MGR:		DATE:			
12.			DATE:			
	ECTG PROGRAM MANAGER		DATE:			
VERIFICATI	ON AND CLOSEOUT					
13.	Approved corrective actions have	been verified	as satisfa	ctorily		
	implemented.			•		
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	SIGNATURE	TITLE		DATE		

INITIATION	Applicable ECTG Report No.: SWEC-BLN-100
1. 2. 3. 5.	Immediate Corrective Action Required:
7. 8.	PREPARED BY: NAME Don Cossett Van Cascett DATE: 06/15/87 CONCURRENCE: CEG-H Alabbay DATE: 6/18/87 APPROVAL: ECTG PROGRAM MGR. ARLabbay DATE: 6/19/87
9. CORRECTIVE	ACTION
·	Corrective action is in process. This CATD is issued for tracking purposes only.
11. 12.	PROPOSED BY: DIRECTOR/MGR: DATE:  CONCURRENCE: CEG-H: DATE:
	ECTG PROGRAM MANAGER DATE:
13.	Approved corrective actions have been verified as satisfactorily implemented.
	SIGNATURE TITLE DATE

<u>INITIATION</u>	Applicable ECTG Report No	.: SWEC-BLN-100	······································			
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1.	Immediate Corrective Action Requ	ired: U Yes 🙉 No				
	Stop Work Recommended:   CATD No. SWEC-BLN-25-105		7			
			<u>′                                    </u>			
6.	RESPONSIBLE ORGANIZATION: BLN Site Director PROBLEM DESCRIPTION: DX QR □ NQR SWEC-BLN-25-105					
0.	NRC SALP - Equipment Storage and Maintenance:					
	Mito print - Edgibment protuge an	<u> </u>				
	There are deficiencies in the s	torage and maintenance of saf	ety-			
	related equipment.					
_		☐ ATTACH				
7.	PREPARED BY: NAME Don Cossett		/15/87			
8.	CONCURRENCE: CEG-H GAPPROVAL: ECTG PROGRAM MGR.		18/87			
9.	APPROVAL: ECIG PROGRAM MGR.	a Kreite for DATE: _6/1	4/8/7			
CORRECTIVE	ACTION		′			
CORRECTIVE	MOLLON					
10.	PROPOSED CORRECTIVE ACTION PLAN:					
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	purposes only.	. Into onto in tonaca tot ct	ucking_			
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with			1/01/00			
·	PROPOGED BY. DIRECTOR (MCR.	DATE:	MENTS			
11. 12.	PROPOSED BY: DIRECTOR/MGR: CONCURRENCE: CEG-H:	DA 679				
12.	ECTG PROGRAM MANAGER	DATE:	<del></del>			
	ECIG PROGRAM MANAGER	DAIL.				
VERIFICATION OF THE PROPERTY O	ON AND CLOSEOUT					
3.0	Annuand composition asking trans	has wanteled as askinesses				
13.	13. Approved corrective actions have been verified as satisfactor					
	implemented.					
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