

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

FEB 17 1987

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Office of Nuclear Reactor Regulation  
Washington, D.C. 20555

Attention: Mr. H. R. Denton

TVA'S "NEW" EMPLOYEE CONCERN PROGRAM (ECP) - COMPLETE SORT OF ALL EMPLOYEE CONCERNS

Please refer to my letter to you dated February 3, 1987, in which I committed to submit a sort of the enhanced data system concern data forms for all concerns in the new program. This new concern data form contains many enhancements to the previous summary sheets that have been submitted in past monthly reports for the new program. The resulting data base form is the result of comments obtained from discussions with your staff, IE inspections, and internal TVA audits by the Inspector General's staff.

Enclosure 1 contains a description of the new data base fields, a list of the categories and subcategories, and a list of valid keywords.

Enclosure 2 is a 3,047 page printout of the concern data forms for all concerns in the new program from February 1 through December 31, 1986.

This submittal has been discussed with B. J. Youngblood of your staff. If there are any questions, please get in touch with R. F. Campbell at (615) 751-4892.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*R. L. Gridley*  
R. L. Gridley, Director  
Nuclear Safety and Licensing

Enclosures (3)  
cc: See page 2

8703060176 870217  
PDR TOPRP EUTVA  
B PDR

*Do25  
1/2*

*2 Printouts Dist  
To: Reg Files - 1  
NRC PAR - 1*

U.S. Nuclear Regulatory Commission

FEB 17 1987

cc (Enclosures):

Mr. Ken Barr  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Mr. James M. Taylor, Director  
Office of Inspection and Enforcement  
Attention: Mr. Lee Spessard  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. Braj K. Singh, Project Manager  
Office of Nuclear Reactor Regulation  
Phillips Building (MS-R-128)  
U.S. Nuclear Regulatory Commission  
Bethesda, Maryland 20814

Browns Ferry Resident Inspector  
Browns Ferry Nuclear Plant  
P.O. Box 2000  
Decatur, Alabama 35602

Sequoyah Resident Inspector  
Sequoyah Nuclear Plant  
P.O. Box 2000  
Soddy Daisy, Tennessee 37319

Watts Bar Resident Inspector  
Watts Bar Nuclear Plant  
P.O. Box 2000  
Spring City, Tennessee 37381

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



**ENCLOSURE 1**

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - CONCERN

**CONCERN NO.**

**MANDATORY** - A 16 character field to identify the specific employee concern assigned to a particular subcategory and category. Refer to Section 6. of Instruction 1 in the Employee Concern Program (ECP) procedure manual.

**CATEGORY**

**MANDATORY** - A 2 character description code of the general category of concerns. Refer to Section 6. of Instruction 1 in the ECP procedure manual. (CO, EN, IH, MC, MP, OP, QA, SF, WE)

**SUBCATEGORY**

**MANDATORY** - A 5 digit numeric identifier used for grouping like concerns together within a category. Refer to attached listing of subcategories within categories.

**SUBJECT**

**OPTIONAL** - A 100 character field to provide a brief synopsis of the concern expressed.

**LOCATION REPORTED**

**MANDATORY** - A 2 character field that identifies the site at which the employee concern was originally identified. (CH, KX, BF, BL, SQ, WB)

**INTERVIEWER**

**OPTIONAL** - A 3 character field to indicate the individual who received and documented the concern.

**RECEIPT MODE**

**MANDATORY** - A 2 character code that identifies the source of the employee concern. The following codes indicate the possible sources:

EX	Exit Interview
FC	Field Contact
IQ	Inquiry
MA	Mailer
PI	Phone-In
RF	Referral
RG	NRC
SI	Scheduled Interview
WI	Walk-In

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - CONCERN  
(continued)

CLASSIFICATION

**SAFETY RELATED**

OPTIONAL - A 2 character field that indicates whether or not a concern is nuclear safety related. The following codes will be used:

IS	Industrial Safety	(Category is SF)
NO	Not Safety Related	
SR	Nuclear Safety	
SS	Safety Significant	
NA	Not Applicable	

**PROTECTED ACTIVITY**

MANDATORY (IH ONLY) - A 1 character field to indicate yes (Y) or no (N) regarding whether an intimidation and harassment category concern is a protected activity.

**REPORTABLE**

OPTIONAL - A 1 character field to indicate yes (Y) or no (N) that a concern is reportable to NRC in accordance with 10 CFR 50.55 (e), 10 CFR 21, and Licensee Event Report. Refer to Section 6. of Instruction 1 in the ECP procedure manual.

**SUBSTANTIATED**

A 1 character field to indicate yes (Y) or no (N), that a concern was substantiated.

**CORRECTIVE ACTION**

OPTIONAL (NO EDITS) - A 2 character field to identify a corrective action status on an individual concern.

**CONFIDENTIAL**

OPTIONAL - A 1 character field to indicate yes (Y) or no (N) regarding the desire of the employee to retain confidentiality of their identity in the course of the investigation. Refer to Section 6. of Instruction 1 of the ECP procedure manual.

**STOP WORK**

OPTIONAL - a 1 character field to indicate yes (Y) or no (N) regarding the decision based on evaluation of a specific concern or issue to suspend all subsequent work activities until appropriate corrective actions on investigations have been completed. Refer to Section 6. of Instruction 1 in the ECP procedure manual.

**DIFFERING PROFESSIONAL OPINION**

OPTIONAL - A 1 character field to indicate yes (Y) or no (N), that a concern involves a differing of professional opinions. Refer to Section 6. of Instruction 1 in the ECP procedure manual.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 495  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-659-01 LAST UPDATE: 01/06/87  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 91005 UNSAFE CONDITIONS -TRAFFIC CONTROL  
SUBJECT: EXITING THE PARKING LOT AFTER WORK EACH DAY IS A S  
AFETY HAZARD.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 03 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:  
PERFORM AN EVALUATION FOR ESTABLISHING A TRAFFIC FLOW DISTRIBUTION PAT  
H BY PAINTING UNI-DIRECTIONAL ARROWS AT CRITICAL PLACES IN THE WEST PL  
ANT PARKING LOTS. IMPLEMENT IF EVALUATION SHOWS POTENTIAL FOR IMPROVEM  
ENT OF PROBLEM.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	INFORMATION PROGRAM ACTIVITIES:
HARDWARE REPAIR:	DISCIPLINARY ACTION:
PROCEDURE CHANGE:	ADDITIONAL TRAINING:
	OTHER:

ITEM NUMBER: 04 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:  
CONSIDER ROTATING A PSS OFFICER AT THE VARIOUS PARKING LOTS TO CONTROL  
, MONITOR, AND ENFORCE COMPLIANCE WITH SAFE DRIVING PRACTICES.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	INFORMATION PROGRAM ACTIVITIES:
HARDWARE REPAIR:	DISCIPLINARY ACTION:
PROCEDURE CHANGE:	ADDITIONAL TRAINING:
	OTHER:

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - CONCERN  
(continued)

KEY DATES

RECEIVED

MANDATORY - A 6 character date field by month, day, year that indicates when the concern was originally expressed and documented.

REPORT SUBMITTED

OPTIONAL - A 6 character date field by month, day, year that indicates the date the report of the concern was submitted from the site representative to the ECP Manager.

REPORT ISSUED

OPTIONAL - A 6 character date field by month, day, year that indicates the date the report of the concern from the ECP Manager to the Site Manager was issued.

LINE RESPONSE

OPTIONAL - A 6 character date field by month, day, year that indicates the date of line response to the concern.

REFERRED TO INSPECTOR GENERAL

OPTIONAL - A 6 character date field by month, day, year that indicates the date a concern is referred to the Inspector General.

LAST CI UPDATED

OPTIONAL - A 6 character date field by month, day, year that indicates the last date that the concerned individual was updated on his concern.

CONCERN CLOSED

OPTIONAL - A 6 character date field by month, day, year that indicates when the employee expressing the concern received notification of evaluation results.

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - CONCERN  
(continued)

**GENERIC APPLICABILITY**

OPTIONAL - Six 1 character fields that indicate generic applicability of a nuclear safety related, safety significant, or industrial safety related concern. Refer to Section 6. of Instruction 1 in the ECP procedure manual.

**KEYWORDS A THROUGH F**

OPTIONAL - Six 18 character keywords that are used to describe the concern and will be used for searching capabilities. Refer to the attached listing of keywords.

**CONCERN**

MANDATORY - A 500 character text field which contains the specific description of the concern expressed.

**FINDING SUMMARY**

MANDATORY - A 250 character text field which contains a summary of the pertinent information gathered during the evaluation/ investigation. Refer to "Findings" of Section 6. of Instruction 1 in the ECP procedure manual.



TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - LOCATION INVESTIGATION

CONCERN NO.

MANDATORY - A 16 character identifier describing the tracking status record's concern number.

CATEGORY

MANDATORY - A 2 character description code describing the tracking status record's category.

SUBCATEGORY

MANDATORY - A 5 digit numeric identifier describing the tracking status record's subcategory.

LOCATION

MANDATORY - A 3 character location identifier for each location identified by a concern or needing detailed tracking of specific investigations or corrective actions identified for individual plant sites. (CHA, KNX, BFN, SQN, WBN, BLN)

INVESTIGATOR

OPTIONAL - A 4 character field to indicate the investigator for a location record for a concern.

INVESTIGATION NO.

OPTIONAL - A 16 character field to record the concern number for a location based on the originating concern.

INVESTIGATION BEGUN

OPTIONAL - A 6 character date field by month, day, year that records the date an investigation was started.

INVESTIGATION COMPLETED

OPTIONAL - A 6 character date field by month, day, year that indicates the date when the investigation on the concern has been completed.

PRIORITY

OPTIONAL (NO EDITS) - A 1 character field to indicate the priority of an investigation or corrective action.

CORRECTIVE ACTION REFERENCE

OPTIONAL - A 12 character field to record the finding for a location investigation.

QA VERIFICATION

OPTIONAL - A 1 character field to indicate yes (Y) or no (N) that Quality Assurance had verified.

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - LOCATION INVESTIGATION  
(continued)

FINDING

OPTIONAL -- A 250 character field to record the finding for a location investigation.

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION

**EMPLOYEE CONCERN**

**MANDATORY** - A 16 character identifier describing the recommendation record's concern number.

**CATEGORY**

**MANDATORY** - A 2 character description code describing the recommendation record's category.

**SUBCATEGORY**

**MANDATORY** - A 5 digit numeric identifier describing the recommendation record's subcategory.

**ITEM NUMBER**

**MANDATORY** - A 2 digit numeric identifier for each unique recommendation identified by a concern.

**CONCLUSION**

**OPTIONAL** - A 250 character text field that contains a summary which reveals whether or not the concern was substantiated. The basis for a conclusion is the information contained in the findings. Refer to "Conclusions" of Section 6. of Instruction 1 of the ECP procedure manual.

**RECOMMENDED CORRECTIVE ACTION**

**OPTIONAL** - A 250 character text field that contains a summary of a specific corrective action for each adverse finding. Refer to "Recommendations" of Section 6. of Instruction 1 of the ECP procedure manual.

**C/A COMPLETION DATE**

**OPTIONAL** - A 6 character date field by month, day, year that indicates the date the recommended corrective action was completed.

**CLASSIFICATION OF CORRECTIVE ACTION****HARDWARE MODIFICATION**

**OPTIONAL** - A 1 character field to indicate yes (Y) or no (N) that a corrective action involves a hardware modification.

**HARDWARE REPAIR**

**OPTIONAL** - A 1 character field to indicate yes (Y) or no (N) that a corrective action involves a hardware repair.

**PROCEDURE CHANGE**

**OPTIONAL** - A 1 character field to indicate yes (Y) or no (N) that a corrective action involves a procedure change.

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTIONS - RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION  
(continued)

INFORMATION PROGRAM ACTIVITIES

OPTIONAL - A 1 character field to indicate yes (Y) or no (N)  
that a corrective action involves information program activities.

DISCIPLINARY ACTION

OPTIONAL - A 1 character field to indicate yes (Y) or no (N)  
that a corrective action involves a disciplinary action.

ADDITIONAL TRAINING

OPTIONAL - A 1 character field to indicate yes (Y) or no (N)  
that a corrective action involves additional training.

OTHER

OPTIONAL - A 1 character field to indicate yes (Y) or no (N)  
that a corrective action involves something other than the  
correction actions listed above.

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM - NUCLEAR (ECPN)  
DATA ELEMENT DESCRIPTION - KEY MILESTONES

EMPLOYEE CONCERN

MANDATORY - A 16 character identifier describing the location record's concern number.

CATEGORY

MANDATORY - A 2 character description code describing the location records category.

SUBCATEGORY

MANDATORY - A 5 digit numeric identifier describing the location record's subcategory.

DATE

MANDATORY - A 6 character date field by month, day, year that contains the date associated with heading "STATUS."

STATUS

MANDATORY - A 250 character text field that contains a description of the status of a concern as of field "DATE." This status can start from the receipt date of the concern until it is closed.

0257A  
12/11/86

## SECTION 7: APPENDIX

### Appendix A Employee Concern Program System - Nuclear (ECPN) Valid Categories

<u>Category</u>	<u>Description</u>
CO	Construction
EN	Engineering
IH	Intimidations and Harrassment
MC	Material Control
MP	Management and Personnel Issues
OP	Operational Activities
QA	Quality Assurance/Quality
SF	Industrial Safety
WE	Welding

NOTE: Also reference appendix A glossary for a description of the category field.



SECTION 7: APPENDIX

Appendix B

Valid Subcategories Within Each Category

Each ECPN category may have multiple subcategories. The subcategories that are valid under each ECPN category are listed on the following pages.

CATEGORY	CATEGORY DESCRIPTION	SUBCATEGORY	SUBCATEGORY DESCRIPTION
CO	CONSTRUCTION-PROCESS	00000	
CO	CONSTRUCTION-PROCESS	10100	SOILS
CO	CONSTRUCTION-PROCESS	10200	CONCRETE
CO	CONSTRUCTION-PROCESS	10300	PROTECTIVE COATINGS
CO	CONSTRUCTION-PROCESS	10400	EMBEDS
CO	CONSTRUCTION-PROCESS	10500	DETERIORATION OF PER FACILITIES
CO	CONSTRUCTION-PROCESS	10600	BOLTING
CO	CONSTRUCTION-PROCESS	10700	INST. TUBING
CO	CONSTRUCTION-PROCESS	10800	STRUCTURAL (UTILITY)
CO	CONSTRUCTION-PROCESS	10900	CABLE
CO	CONSTRUCTION-PROCESS	11100	HANGERS/SUPPORTS
CO	CONSTRUCTION-PROCESS	11200	WORK PLAN/WORK CONTROL
CO	CONSTRUCTION-PROCESS	11300	ANCHORAGES
CO	CONSTRUCTION-PROCESS	11500	DAMAGE
CO	CONSTRUCTION-PROCESS	11200	HOUSEKEEPING
CO	CONSTRUCTION-PROCESS	11300	CONSTRUCTION EQUIPMENT
CO	CONSTRUCTION-PROCESS	17100	MECHANICAL
CO	CONSTRUCTION-PROCESS	17300	INSTRUMENT LINE INSTALLATION
CO	CONSTRUCTION-PROCESS	19100	ELEC. EQUIPMENT
CO	CONSTRUCTION-PROCESS	19200	CONDUIT & TRAY
EN	DES PROCESS & OUTPUT	00000	
EN	DES PROCESS & OUTPUT	20100	INCORPORATION OF REQUIREMENTS/DESIGN COMMITMENTS
EN	DES PROCESS & OUTPUT	20101	REGULATORY REQUIREMENTS (REG GUIDES, NUREG, ETC.)
EN	DES PROCESS & OUTPUT	20103	DESIGN CRITERIA
EN	DES PROCESS & OUTPUT	20104	STANDARDS AND GUIDES
EN	DES PROCESS & OUTPUT	20105	TRACKING OF COMMITMENTS AND DESIGN CHANGES
EN	DES PROCESS & OUTPUT	20106	TRACEABILITY OF DESIGN REQUIREMENTS
EN	DES PROCESS & OUTPUT	20107	DESIGN DOCUMENT COMPLETENESS
EN	DES PROCESS & OUTPUT	20108	CODE REQUIREMENTS
EN	DES PROCESS & OUTPUT	20300	EXPERIENCE FEEDBACK
EN	DES PROCESS & OUTPUT	20301	SEQUOYAH DESIGN ERRORS AT WBNP
EN	DES PROCESS & OUTPUT	20302	FEEDBACK TO DES ORG NOT PROPERLY UTILIZED
EN	DES PROCESS & OUTPUT	20303	TRACKING SYSTEM FOR COMMITMENT INADEQUATE
EN	DES PROCESS & OUTPUT	20304	CHANGE INCORP & RETROFIT BETWEEN UNITS LACKING
EN	DES PROCESS & OUTPUT	20400	ORGANIZATION OR OPERATING PROCEDURES
EN	DES PROCESS & OUTPUT	20401	ORGANIZATIONAL STRUCTURE
EN	DES PROCESS & OUTPUT	20402	SYSTEM DESIGN RESPONSIBILITY
EN	DES PROCESS & OUTPUT	20403	DESIGN RESPONSIBILITY
EN	DES PROCESS & OUTPUT	20404	DESIGN DOCUMENT COMPLETENESS - INADEQUACY
EN	DES PROCESS & OUTPUT	20405	DESIGN REVIEW PROCESS/INDEPENDENT VERIFICATION
EN	DES PROCESS & OUTPUT	20406	ECN PROCESS
EN	DES PROCESS & OUTPUT	20407	VENDOR DOCUMENTS
EN	DES PROCESS & OUTPUT	20408	COMMUNICATION AND INTERFACE CONTROL
EN	DES PROCESS & OUTPUT	20409	USE OF REVERSE PRINTS
EN	DES PROCESS & OUTPUT	20410	CONTROL OF FIELD MODS TO VENDOR SUPPLIED ITEMS
EN	DES PROCESS & OUTPUT	20411	SCOPE OF ENGINEERING REQD FOR MODS NOT IDENTIFIED
EN	DES PROCESS & OUTPUT	20500	CONTROL OF DESIGN CALCULATIONS
EN	DES PROCESS & OUTPUT	20501	CALCULATION PREPARATION REQUIREMENTS
EN	DES PROCESS & OUTPUT	20502	CALCULATION CONTROL AND INTERFACE
EN	DES PROCESS & OUTPUT	20503	CALCULATION RECORD RETENTION
EN	DES PROCESS & OUTPUT	20504	VERIF/DOC OF QUALITY RELATED DESIGN COMPUTER CODES
EN	DES PROCESS & OUTPUT	20600	AS-BUILT RECONCILIATION
EN	DES PROCESS & OUTPUT	20601	AS-BUILT INACCURACIES
EN	DES PROCESS & OUTPUT	20700	DEVIATION DOCUMENTATION
EN	DES PROCESS & OUTPUT	20701	ENGINEERING ACCEPTANCE OF REJECTED WORK
EN	DES PROCESS & OUTPUT	20702	SAFETY AND LICENSING EVALUATIONS
EN	DES PROCESS & OUTPUT	20703	DEVIATIONS TO PRE-OP TEST ACCEPTANCE CRITERIA
EN	DES PROCESS & OUTPUT	20704	CAQ DOCUMENTATION
EN	DES PROCESS & OUTPUT	20800	HUMAN FACTORS
EN	DES PROCESS & OUTPUT	20801	HUMAN FACTORS REVIEW PROGRAM
EN	DES PROCESS & OUTPUT	20802	CONTROL ROOM DESIGN REVIEW
EN	DES PROCESS & OUTPUT	20900	MAINTENANCE OF Q-LISTS
EN	DES PROCESS & OUTPUT	20901	Q-LIST DIFFERENCES
EN	DES PROCESS & OUTPUT	20902	IMPACT AND SIGNIFICANCE OF Q-LIST DIFFERENCES
EN	DES PROCESS & OUTPUT	21000	ENVIRONMENTAL QUALIFICATION PROCESS
EN	DES PROCESS & OUTPUT	21001	SENSITIVE EQUIPMENT LOCATED IN HARSH ENVIRONMENT
EN	DES PROCESS & OUTPUT	21002	INADEQUATE ENVIRONMENTAL QUALIFICATION PROGRAM
EN	DES PROCESS & OUTPUT	21003	ENVIRONMENTAL QUALIFICATION INFORMATION
EN	DES PROCESS & OUTPUT	21200	PIPE SUPPORT PROGRAM
EN	DES PROCESS & OUTPUT	21201	RETENTION OF CALCULATION RECORDS
EN	DES PROCESS & OUTPUT	21202	NUC BULLETIN 79-14, ABR PROGRAM
EN	DES PROCESS & OUTPUT	21203	DESIGN FEATURES IN PIPE HANGER PROGRAM
EN	DES PROCESS & OUTPUT	21204	FREQUENTLY CHANGING HANGERS

## CATEGORY CATEGORY DESCRIPTION SUBCATEGORY

## SUBCATEGORY DESCRIPTION

EN	DES	PROCESS & OUTPUT	21300	ELECTRICAL PROCEDURES
EN	DES	PROCESS & OUTPUT	21301	INADEQUATE MANAGEMENT, CONTROL AND STATUS
EN	DES	PROCESS & OUTPUT	21302	INADEQUATE ELECTRICAL TESTING AND PLANNING
EN	DES	PROCESS & OUTPUT	21303	INADEQUATE ELECTRICAL DESIGN CRITERIA
EN	DES	PROCESS & OUTPUT	21304	ELECT PROC DO NOT PROPERLY ID IEEE STANDARDS
EN	DES	PROCESS & OUTPUT	21400	FLUSHING
EN	DES	PROCESS & OUTPUT	21500	CIVIL/STRUCTURAL DESIGN
EN	DES	PROCESS & OUTPUT	21501	SEISMIC CRITERIA
EN	DES	PROCESS & OUTPUT	21502	CUT REBAR CONTROL
EN	DES	PROCESS & OUTPUT	21503	SEISMIC ANALYSIS RADIATION SHIELDING
EN	DES	PROCESS & OUTPUT	21504	TURBINE/SERVICE BUILDING ROOF
EN	DES	PROCESS & OUTPUT	21506	HANGER LOADS ON STRUCTURES
EN	DES	PROCESS & OUTPUT	21507	AUXILIARY BUILDING CRANE SERVICE
EN	DES	PROCESS & OUTPUT	21508	TANK FOUNDATION
EN	DES	PROCESS & OUTPUT	21509	STRUCTURAL STEEL CONNECTION DESIGN
EN	DES	PROCESS & OUTPUT	21510	FEEDWATER HEATER MONORAIL DESIGN
EN	DES	PROCESS & OUTPUT	21511	FLOOR SLEEVE COVERS
EN	DES	PROCESS & OUTPUT	21800	PIPE STRESS CALCULATIONS
EN	DES	PROCESS & OUTPUT	21801	THERMAL ANALYSIS OF PIPE SUBJ TO TEMP < 120F
EN	DES	PROCESS & OUTPUT	21802	SKEWED HANGERS AND STRUTS
EN	DES	PROCESS & OUTPUT	21803	VERIFICATION OF RIG COMPUTER ANAL OF PIPING SYSTEM
EN	DES	PROCESS & OUTPUT	21804	PIPING CALCULATIONS
EN	DES	PROCESS & OUTPUT	21805	INADEQUATE PIPING ANALYSIS
EN	DES	PROCESS & OUTPUT	21806	PIPING STRESS ANALYSIS
EN	DES	PROCESS & OUTPUT	21807	ACCEPTANCE CRITERIA FOR OVERLAP AREAS OF CALCS
EN	DES	PROCESS & OUTPUT	21808	POTENTIAL INT STRESSES FROM THE TUBING ADAPTER
EN	DES	PROCESS & OUTPUT	21809	PIPE CLEARANCE
EN	DES	PROCESS & OUTPUT	21810	DEFORMATION OF PIPE SUPPORT STANCHION
EN	DES	PROCESS & OUTPUT	21811	RESP SPECTRA FOR PIPE SUPT AT SHIELD WALL/AUX BLOC
EN	DES	PROCESS & OUTPUT	21812	TEMPORARY SUPPORT SEISMIC ANALYSIS
EN	DES	PROCESS & OUTPUT	21813	DRYWELL PURGE SYSTEM PIPING
EN	DES	PROCESS & OUTPUT	22000	SUPPORT DESIGN GENERAL
EN	DES	PROCESS & OUTPUT	22001	A SERIES HANGER DRAWINGS AND O-50 NOTES
EN	DES	PROCESS & OUTPUT	22003	DESIGN OF SUPPORTS
EN	DES	PROCESS & OUTPUT	22004	HANGER SPECIFICATIONS
EN	DES	PROCESS & OUTPUT	22006	REVISIONS TO HANGER DESIGNS
EN	DES	PROCESS & OUTPUT	22007	INSTALLATION-RELATED TECHNICAL DECISIONS
EN	DES	PROCESS & OUTPUT	22009	OVER-SIZING OF PIPE SUPPORT STEEL
EN	DES	PROCESS & OUTPUT	22010	REPLACEMENT HANGERS
EN	DES	PROCESS & OUTPUT	22011	TEMPERATURE VARIATION CONSIDERATIONS
EN	DES	PROCESS & OUTPUT	22012	TECHNICAL REVIEW
EN	DES	PROCESS & OUTPUT	22100	PIPE SUPPORT DESIGN
EN	DES	PROCESS & OUTPUT	22101	DESIGN ADEQUACY PIPE SUPPORT ANCHOR
EN	DES	PROCESS & OUTPUT	22102	MAJOR DIFF IN ANALYZED LOADS FOR SIMILAR SUPPORTS
EN	DES	PROCESS & OUTPUT	22103	MISSING OR UNINSTALLED PIPE SUPPORTS
EN	DES	PROCESS & OUTPUT	22104	DELETION OF SUPPORTS
EN	DES	PROCESS & OUTPUT	22105	PIPE SUPPORT BASEPLATE INSTALLED INCORRECTLY
EN	DES	PROCESS & OUTPUT	22106	OBSERVED BENDING OF SMALL-BORE PIPE CLAMP EARS
EN	DES	PROCESS & OUTPUT	22107	PIPE SUPPORT DESIGN INADEQUACY
EN	DES	PROCESS & OUTPUT	22108	RELIEF VALVE VENT LIND HANGER
EN	DES	PROCESS & OUTPUT	22109	SHARP EDGE OF HANGER STEEL CLEARANCE
EN	DES	PROCESS & OUTPUT	22110	USE OF SNUBBER
EN	DES	PROCESS & OUTPUT	22111	HEAVY MOV SUPPORTS
EN	DES	PROCESS & OUTPUT	22200	SUPPORT WELD DESIGN
EN	DES	PROCESS & OUTPUT	22201	WRONG WELD DESIGNED ON BOX HANGERS
EN	DES	PROCESS & OUTPUT	22202	BOX ANCHORS WITH EXCESSIVE WELDING
EN	DES	PROCESS & OUTPUT	22203	DRAWINGS DO NOT ALWAYS SHOW WELD SIZE
EN	DES	PROCESS & OUTPUT	22204	CLAMP MODIFICATION
EN	DES	PROCESS & OUTPUT	22205	BOLTS REPLACED BY WELD
EN	DES	PROCESS & OUTPUT	22206	AISC MINIMUM WELD CRITERIA
EN	DES	PROCESS & OUTPUT	22207	WELDING ON TWO SIDES OF TUBING
EN	DES	PROCESS & OUTPUT	22210	VERIFICATION OF WELD SECURING PADS TO INNER SHELL
EN	DES	PROCESS & OUTPUT	22211	UNDERSIZED WELD SPECIFIED FOR A SUPPORT
EN	DES	PROCESS & OUTPUT	22212	SUPPORT TUBE DISTORTION
EN	DES	PROCESS & OUTPUT	22300	INSTRUMENT SUPPORTS DESIGN
EN	DES	PROCESS & OUTPUT	22301	INSTRUMENT SUPPORT CONNECTIONS
EN	DES	PROCESS & OUTPUT	22302	INSTRUMENT MOUNTING BRACKET
EN	DES	PROCESS & OUTPUT	22303	INSTRUMENT SEISMIC QUALIFICATION
EN	DES	PROCESS & OUTPUT	22400	RACEWAY SUPPORT DESIGN
EN	DES	PROCESS & OUTPUT	22401	CATEGORY I VS NONCATEGORY I RACEWAY
EN	DES	PROCESS & OUTPUT	22402	RACEWAY CONNECTIONS
EN	DES	PROCESS & OUTPUT	22403	RACEWAY LAYOUT
EN	DES	PROCESS & OUTPUT	22405	SUPPORT OF CABLES

## CATEGORY CATEGORY DESCRIPTION SUBCATEGORY

## SUBCATEGORY DESCRIPTION

EN	DES	PROCESS & OUTPUT	22407	CONDUIT THERMAL EXPANSION
EN	DES	PROCESS & OUTPUT	22408	CONDUIT SUPPORT AS-BUILT DOCUMENTATION
EN	DES	PROCESS & OUTPUT	22409	ERCW PUMP ELECTRICAL MOTOR BOX
EN	DES	PROCESS & OUTPUT	22500	BATTERY SUPPORT DESIGN
EN	DES	PROCESS & OUTPUT	22600	TWO-OVER-ONE DESIGN
EN	DES	PROCESS & OUTPUT	22700	PIPE WHIP RESTRAINT DESIGN
EN	DES	PROCESS & OUTPUT	22701	PIPE WHIP RESTRAINT DESIGN
EN	DES	PROCESS & OUTPUT	22702	PIPE WHIP RESTRAINT DESIGN
EN	DES	PROCESS & OUTPUT	22800	UNINSTRUT SUPPORT DESIGN
EN	DES	PROCESS & OUTPUT	22900	INSTRUMENTATION AND CONTROL DESIGN
EN	DES	PROCESS & OUTPUT	22901	QUESTIONABLE CALCULATION OF ORIFICE HOLE SIZE
EN	DES	PROCESS & OUTPUT	22902	RADIOACTIVE PANEL DRAINS INTO FLOOR DRAINS
EN	DES	PROCESS & OUTPUT	22903	CIRCULATING WATER DISCHARGE FLOW MEASUREMENT
EN	DES	PROCESS & OUTPUT	22905	CONTROL AIR SYSTEM ADEQUACY FOLLOWING PIPE BREAK
EN	DES	PROCESS & OUTPUT	22906	LACK OF VALVES IN SAMPLING & WATER QUALITY SYSTEM
EN	DES	PROCESS & OUTPUT	22908	TANK LVL SWITCHES REQUIRE MANUAL FILLING OPERATION
EN	DES	PROCESS & OUTPUT	22909	ACOUSTICS MONITORING SYSTEM REDUNDANCY
EN	DES	PROCESS & OUTPUT	22910	USE OF MERCURY SWITCHES
EN	DES	PROCESS & OUTPUT	22911	PROCESS RADIATION MONITORING ADEQUACY
EN	DES	PROCESS & OUTPUT	22912	PANEL/INSTRUMENT DISTANCE
EN	DES	PROCESS & OUTPUT	23000	HVAC DESIGN
EN	DES	PROCESS & OUTPUT	23001	ISOLATION DAMPER LATCHING TEST
EN	DES	PROCESS & OUTPUT	23002	COMPUTER ROOM/BATTERY ROOM TEMPERATURES
EN	DES	PROCESS & OUTPUT	23003	LEAK TIGHTNESS OF DUCT SEALS
EN	DES	PROCESS & OUTPUT	23004	HEAT BUILDUP IN CONTAINMENT DOME
EN	DES	PROCESS & OUTPUT	23005	AIRBORNE RADIOACTIVITY IN COWE
EN	DES	PROCESS & OUTPUT	23100	FIRE PROTECTION DESIGN
EN	DES	PROCESS & OUTPUT	23101	UNDERSIZED DISTRIBUTION HEADERS
EN	DES	PROCESS & OUTPUT	23102	ELECTRICAL PANELS NOT PROTECTED FROM SPRINKLERS
EN	DES	PROCESS & OUTPUT	23103	SPRINKLER HEADS SPRAY PATTERN INTERFERENCE
EN	DES	PROCESS & OUTPUT	23104	LACK OF FIRE DAMPERS IN DIESEL GENERATOR ROOM
EN	DES	PROCESS & OUTPUT	23105	BATTERY ROOM HEATERS AS IGNITION SOURCE
EN	DES	PROCESS & OUTPUT	23106	FIRE PROTECTION QA DESIGNATION
EN	DES	PROCESS & OUTPUT	23200	PIPING AND VALVE DESIGN
EN	DES	PROCESS & OUTPUT	23201	ACCUMULATOR PIPING SIZE CHANGE
EN	DES	PROCESS & OUTPUT	23202	CARBON STEEL VS STAINLESS STEEL DRAINAGE PIPING
EN	DES	PROCESS & OUTPUT	23203	INCORRECT PIPING INSULATION MATERIAL
EN	DES	PROCESS & OUTPUT	23204	VALVE SEAT MATERIAL CHANGE
EN	DES	PROCESS & OUTPUT	23205	BUILDING COLUMNS NOT ON FLOW DIAGRAMS
EN	DES	PROCESS & OUTPUT	23206	RUBBER GASKET DETERIORATION
EN	DES	PROCESS & OUTPUT	23207	SOCKET WELD GAP RADIATION HOT SPOTS
EN	DES	PROCESS & OUTPUT	23208	PIPING WALL THICKNESS TOLERANCE
EN	DES	PROCESS & OUTPUT	23209	FREEZING OF CONDENSATE LINES
EN	DES	PROCESS & OUTPUT	23210	DRILLED HOLES IN BRANCH CONNECTIONS
EN	DES	PROCESS & OUTPUT	23211	ERCW CHILLER PIPING
EN	DES	PROCESS & OUTPUT	23212	BUTTERFLY VALVE SEATS
EN	DES	PROCESS & OUTPUT	23213	EMERGENCY GAS TREATMENT PIPING WELD ACCESS
EN	DES	PROCESS & OUTPUT	23214	SYSTEM COLOR CODING
EN	DES	PROCESS & OUTPUT	23219	EXCESSIVE PIPING MOVEMENT
EN	DES	PROCESS & OUTPUT	23300	ESSENTIAL RAW COOLING WATER PIPING
EN	DES	PROCESS & OUTPUT	23301	QUALITY OF CONCRETE PIPE LINING
EN	DES	PROCESS & OUTPUT	23400	ACCESS TO EQUIPMENT
EN	DES	PROCESS & OUTPUT	23500	ELECTRICAL SAFETY DESIGN
EN	DES	PROCESS & OUTPUT	23501	480V POWER RECEPTACLE UNSAFE
EN	DES	PROCESS & OUTPUT	23502	EXPOSED 480V BUS AT PANEL TOP
EN	DES	PROCESS & OUTPUT	23503	HAND SWITCH LOCATION VIOLATES REGULATORY RMNTS
EN	DES	PROCESS & OUTPUT	23504	EXPOSED HV CABLE ROUTED WITHOUT RACEWAY
EN	DES	PROCESS & OUTPUT	23505	LOW VOLTAGE AND HIGH VOLTAGE TERMINATED
EN	DES	PROCESS & OUTPUT	23506	EXPOSED 480V BUS INSIDE UNLOCKED PANEL DOOR
EN	DES	PROCESS & OUTPUT	23507	EMERGENCY LIGHTING IMPROPERLY WIRED
EN	DES	PROCESS & OUTPUT	23508	PVC LIQUIDTIGHT FLEX CONDUIT
EN	DES	PROCESS & OUTPUT	23510	480V POWER RECEPTACLE USE OF INCORRECT WIRE SIZE
EN	DES	PROCESS & OUTPUT	23700	ELECTRICAL PROTECTION DESIGN
EN	DES	PROCESS & OUTPUT	23701	PROBLEMS WITH THERMAL OVERLOAD BYPASS & INDICATION
EN	DES	PROCESS & OUTPUT	23702	400-500 BREAKERS UNACCEPTABLY SET
EN	DES	PROCESS & OUTPUT	23704	BYPASS OF OVER-TORQUE LIMIT SWITCHES
EN	DES	PROCESS & OUTPUT	23706	CASING OF CURRENT TRANSFORMERS
EN	DES	PROCESS & OUTPUT	23800	RACEWAY OVERFILL AND CABLE PULLING
EN	DES	PROCESS & OUTPUT	23801	CONDUIT OVERFILLS
EN	DES	PROCESS & OUTPUT	23803	CABLE TRAY OVERFILLS
EN	DES	PROCESS & OUTPUT	23804	WALL & FLOOR PENETRATIONS (BLOCKOUTS)
EN	DES	PROCESS & OUTPUT	23805	CONTAINMENT PENETRATION (CABLE DAMAGE)
EN	DES	PROCESS & OUTPUT	23900	CABLE AND RACEWAY PROGRAM

## CATEGORY CATEGORY DESCRIPTION SUBCATEGORY

## SUBCATEGORY DESCRIPTION

EN	DES PROCESS & OUTPUT	24000	CABLE AMPACITY
EN	DES PROCESS & OUTPUT	24100	CABLE TERMINATIONS AND SPLICES
EN	DES PROCESS & OUTPUT	24101	INAD SPLICING & TERMINATION PRACTICES & PROCEDURES
EN	DES PROCESS & OUTPUT	24102	CRIMP CONNECTION ON DIODES
EN	DES PROCESS & OUTPUT	24103	BELLEFONTE MEGGER TESTS
EN	DES PROCESS & OUTPUT	24104	AMPHENOL CONNECTORS
EN	DES PROCESS & OUTPUT	24200	ELECTRICAL SEPARATION
EN	DES PROCESS & OUTPUT	24300	DIESEL DESIGN MARGIN
GN	VOIDED/TRANSFERRED	00000	
IM	CONCERNS INV. BY OGC	00000	
MC	ADEQUACY OF MATERIAL	00000	
MC	ADEQUACY OF MATERIAL	40100	NRC ALLEGATIONS
MC	ADEQUACY OF MATERIAL	40200	PURCHASING & REQUISITIONING
MC	ADEQUACY OF MATERIAL	40300	INSTALLATION (USE)
MC	ADEQUACY OF MATERIAL	40400	STORAGE & HANDLING
MC	ADEQUACY OF MATERIAL	40500	MATERIAL IDENTIFICATION
MC	ADEQUACY OF MATERIAL	40600	QUALITY OF MATERIAL
MC	ADEQUACY OF MATERIAL	40700	PROCEDURAL CONTROL
MC	ADEQUACY OF MATERIAL	40800	TRAINING
MP	MGT. & PERS. ISSUES	00000	
MP	MGT. & PERS. ISSUES	70000	MANAGEMENT AND PERSONNEL
MP	MGT. & PERS. ISSUES	70100	SUBJOURNEYMEN
MP	MGT. & PERS. ISSUES	70101	SUBJOURNEYMEN PERFORMING JOURNEYMEN WORK
MP	MGT. & PERS. ISSUES	70102	SUBJOURNEYMEN SUPERVISORS ALLOWED MIS-ASSIGNMENT
MP	MGT. & PERS. ISSUES	70103	SUBJOURNEYMEN DOING SUBSTANDARD WORK
MP	MGT. & PERS. ISSUES	70104	SUBJOURNEYMEN REPLACING APPRENTICE PROGRAM
MP	MGT. & PERS. ISSUES	70105	UNFAIR TO LAYOFF ALL SUBJOURNEYMEN
MP	MGT. & PERS. ISSUES	70106	UNION AGREEMENTS PROVIDE FOR SUBJOURNEYMEN
MP	MGT. & PERS. ISSUES	70107	S/F SUBJOURNEYMEN LAID OFF TO KEEP JOURNEYMEN
MP	MGT. & PERS. ISSUES	70108	SUBJOURNEYMEN SHOULD ALL BE LAID OFF
MP	MGT. & PERS. ISSUES	70200	WORK RULES
MP	MGT. & PERS. ISSUES	70201	CONSTRUCTION APPLIES WRS DIFFERENTLY
MP	MGT. & PERS. ISSUES	70202	CRAFTS TREATED DIFFERENTLY THAN SALARY POLICY
MP	MGT. & PERS. ISSUES	70203	WRS NOT UNIFORMLY APPLIED
MP	MGT. & PERS. ISSUES	70204	EXCESSIVE EMPHASIS ON WR ENFORCEMENT
MP	MGT. & PERS. ISSUES	70205	THREATS OF ARBITRARY AND INCONSISTENT DISCIPLINE
MP	MGT. & PERS. ISSUES	70206	MANAGEMENT DOES NOT CONSIDER ALL FACTS
MP	MGT. & PERS. ISSUES	70207	WRS ADAPTED AND CHANGE AT MANAGEMENT DIRECTION
MP	MGT. & PERS. ISSUES	70208	SEVERITY OF WR DOES NOT MATCH SEVERITY OF ACTION
MP	MGT. & PERS. ISSUES	70209	CONCERNS TOO GENERAL TO BE EVALUATED
MP	MGT. & PERS. ISSUES	70210	WRS ARE INEFFECTIVE, RESTRICTS WORK
MP	MGT. & PERS. ISSUES	70211	WRS ARE UNCLEAR AND ILL DEFINED
MP	MGT. & PERS. ISSUES	70300	WORK SCHEDULES
MP	MGT. & PERS. ISSUES	70301	LACK OF SHIFT CHANGE NOTICE OR CONSULTATION
MP	MGT. & PERS. ISSUES	70302	PROMISED LENGTH OF THIRD SHIFT DUTY
MP	MGT. & PERS. ISSUES	70303	SHIFT TRANSFER DUE TO FAULTY WORK
MP	MGT. & PERS. ISSUES	70304	LENGTH OF SHIFTS
MP	MGT. & PERS. ISSUES	70305	LONG HOURS OF WORK WITHOUT DAYS OFF
MP	MGT. & PERS. ISSUES	70306	CHANGE IN WORKTIME
MP	MGT. & PERS. ISSUES	70307	REQUEST FOR THIRD SHIFT
MP	MGT. & PERS. ISSUES	70308	UNFAIR WORK ASSIGNMENTS
MP	MGT. & PERS. ISSUES	70400	OVERTIME
MP	MGT. & PERS. ISSUES	70401	OVERTIME NOT SCHEDULED ON EQUAL BASIS
MP	MGT. & PERS. ISSUES	70402	OVERTIME NOT DIVIDED EQUALLY AMONG ALL SHIFTS
MP	MGT. & PERS. ISSUES	70403	INSUFFICIENT SUPPORT CRAFTS SCHEDULED FOR OVERTIME
MP	MGT. & PERS. ISSUES	70404	OVERTIME DENIED WORKERS WITHOUT SECURITY CLEARANCE
MP	MGT. & PERS. ISSUES	70405	NSB WORKS ALL THE OVERTIME
MP	MGT. & PERS. ISSUES	70406	OVERTIME NOT DIVIDED EQUALLY AMONG TRUCK DRIVERS
MP	MGT. & PERS. ISSUES	70407	EMPLOYEES REQUIRED TO WORK EXCESSIVE OVERTIME
MP	MGT. & PERS. ISSUES	70408	EMPLOYEES THREATENED TERMINATION FOR REFUSING OT
MP	MGT. & PERS. ISSUES	70409	EXCESSIVE OT AFFECTS WORK QUALITY & EMPL. HEALTH
MP	MGT. & PERS. ISSUES	70410	INADEQUATE NOTICE OF OVERTIME
MP	MGT. & PERS. ISSUES	70411	DEFINE EMERGENCY OVERTIME
MP	MGT. & PERS. ISSUES	70412	TEAMSTERS WORKING OVERTIME WITHOUT SUPERVISION
MP	MGT. & PERS. ISSUES	70413	CONCERNS LACKING FOCUS
MP	MGT. & PERS. ISSUES	70500	EEO
MP	MGT. & PERS. ISSUES	70501	INTIMIDATION AND HARASSMENT
MP	MGT. & PERS. ISSUES	70502	PAY AND PROMOTION
MP	MGT. & PERS. ISSUES	70503	ACCOMMODATION ISSUES
MP	MGT. & PERS. ISSUES	70504	DISCRIMINATORY ENVIRONMENT
MP	MGT. & PERS. ISSUES	70505	EEO COMPLAINT SYSTEM
MP	MGT. & PERS. ISSUES	70600	MGT. TECHNIQUES
MP	MGT. & PERS. ISSUES	70601	MANAGEMENT PRACTICES



## CATEGORY CATEGORY DESCRIPTION SUBCATEGORY

## SUBCATEGORY DESCRIPTION

MP	MGT. & PERS. ISSUES	70602	AUTHORITARIANISM
MP	MGT. & PERS. ISSUES	70603	FAVORITISM
MP	MGT. & PERS. ISSUES	70604	COMMUNICATIONS
MP	MGT. & PERS. ISSUES	70605	COMMITMENT TO QUALITY
MP	MGT. & PERS. ISSUES	70700	ORGANIZATION
MP	MGT. & PERS. ISSUES	70701	ROLE AND INDEPENDENCE OF ENGINEERING
MP	MGT. & PERS. ISSUES	70702	REDUNDANCY IN CREATION OF NSB
MP	MGT. & PERS. ISSUES	70703	TOO MANY SEPARATE GROUPS AND EMPLOYEES
MP	MGT. & PERS. ISSUES	70704	MISCELLANEOUS ORGANIZATION CONCERNS
MP	MGT. & PERS. ISSUES	70800	MORALE
MP	MGT. & PERS. ISSUES	70801	WORK ENVIRONMENT
MP	MGT. & PERS. ISSUES	70802	GENERAL STATEMENTS
MP	MGT. & PERS. ISSUES	70900	PUBLIC SAFETY
MP	MGT. & PERS. ISSUES	70901	ADMINISTRATION OF PSS AT WBN
MP	MGT. & PERS. ISSUES	70902	SUPERVISION OF PSS OFFICERS AT WBN
MP	MGT. & PERS. ISSUES	70903	OPERATIONS ACTIVITIES OF PSS AT WBN/PSS SEARCHES
MP	MGT. & PERS. ISSUES	70904	FLAG HANDLING BY PSS
MP	MGT. & PERS. ISSUES	70905	MEDICAL EMERGENCIES
MP	MGT. & PERS. ISSUES	71000	PRODUCTION/QUALITY
MP	MGT. & PERS. ISSUES	71001	INADEQUATE ENGINEERING DESIGN COORDINATION
MP	MGT. & PERS. ISSUES	71002	INADEQUATE WORK CONTROL PROCESS
MP	MGT. & PERS. ISSUES	71003	INEFFECTIVE TECHNICAL COORDINATION
MP	MGT. & PERS. ISSUES	71004	POOR MANAGEMENT AND ENGINEERING
MP	MGT. & PERS. ISSUES	71005	LACK OF ADEQUATE PLANNING AND SCHEDULING SKILLS
MP	MGT. & PERS. ISSUES	71006	INADEQUATE CONSTRUCTION ENGINEERING SUPPORT
MP	MGT. & PERS. ISSUES	71007	POOR CRAFT MANPOWER PLANNING
MP	MGT. & PERS. ISSUES	71008	REQUIREMENTS ADVERSELY IMPACT CONSTRUCTION
MP	MGT. & PERS. ISSUES	71009	TOO MUCH EMPHASIS ON MEETING SCHEDULES
MP	MGT. & PERS. ISSUES	71010	HANGER QUOTA SYSTEM RESULTS IN POOR MORALE
MP	MGT. & PERS. ISSUES	71011	LACK OF ADEQUATE CONFIGURATION CONTROL
MP	MGT. & PERS. ISSUES	71012	LACK OF GOOD STATUS SYSTEM FOR COMMITMENTS
MP	MGT. & PERS. ISSUES	71100	MATERIAL
MP	MGT. & PERS. ISSUES	71101	MATERIALS WASTE
MP	MGT. & PERS. ISSUES	71102	MATERIALS AVAILABILITY
MP	MGT. & PERS. ISSUES	71103	MISCELLANEOUS
MP	MGT. & PERS. ISSUES	71200	MISCELLANEOUS
MP	MGT. & PERS. ISSUES	71201	NO ACTION-NO CONCERN EXPRESSED
MP	MGT. & PERS. ISSUES	71202	OPINION-NO CONCERN/PERSONAL OBSERVATION
MP	MGT. & PERS. ISSUES	71300	MEDICAL
MP	MGT. & PERS. ISSUES	71301	MEDICAL PERSONNEL QUALIFICATION/STAFFING
MP	MGT. & PERS. ISSUES	71302	MEDICAL TREATMENT NOT PROVIDED
MP	MGT. & PERS. ISSUES	71303	APPLICATION OF MEDICAL CONSTRAINTS BY TVA
MP	MGT. & PERS. ISSUES	71304	HEALTH EDUCATION NOT OFFERED BY TVA
MP	MGT. & PERS. ISSUES	71305	FALSIFICATION OF MEDICAL RECORDS/ACCESS TO FILES
MP	MGT. & PERS. ISSUES	71306	INJURED EMPLOYEES RETURNED TO WORK TOO SOON
MP	MGT. & PERS. ISSUES	71307	LACK OF PHYSICAL SUITABILITY PROGRAM
MP	MGT. & PERS. ISSUES	71308	COMPENSATION NOT RECEIVED IN A TIMELY MANNER
MP	MGT. & PERS. ISSUES	71309	TVA DENIES FECA BENEFITS
MP	MGT. & PERS. ISSUES	71310	INADEQUATE INFORMATION TO RECEIVE FECA BENEFITS
MP	MGT. & PERS. ISSUES	71311	CONTROVERTED COMPENSATION CLAIMS
MP	MGT. & PERS. ISSUES	71312	MISCELLANEOUS
MP	MGT. & PERS. ISSUES	71400	DRUG
MP	MGT. & PERS. ISSUES	71401	DRUG TESTING PROGRAM
MP	MGT. & PERS. ISSUES	71402	DRUG ABUSE PROGRAM
MP	MGT. & PERS. ISSUES	71403	INVASION OF PRIVACY
MP	MGT. & PERS. ISSUES	71500	ERT
MP	MGT. & PERS. ISSUES	71501	CONFIDENTIALITY
MP	MGT. & PERS. ISSUES	71502	INADEQUATE RESPONSES
MP	MGT. & PERS. ISSUES	71503	PROGRAM INADEQUACIES
MP	MGT. & PERS. ISSUES	71504	REACTIONS
MP	MGT. & PERS. ISSUES	71600	LABOR RELATIONS
MP	MGT. & PERS. ISSUES	71601	FAVORITISM
MP	MGT. & PERS. ISSUES	71602	WORK JURISDICTION
MP	MGT. & PERS. ISSUES	71603	GRIEVANCE PROCEDURE
MP	MGT. & PERS. ISSUES	71604	MANAGEMENT APPLICATION
MP	MGT. & PERS. ISSUES	71700	MGT. QLT.
MP	MGT. & PERS. ISSUES	71701	CRAFT QUALIFICATIONS
MP	MGT. & PERS. ISSUES	71702	CRAFT FOREMEN QUALIFICATIONS
MP	MGT. & PERS. ISSUES	71703	GENERAL FOREMEN QUALIFICATIONS
MP	MGT. & PERS. ISSUES	71704	ENGINEER QUALIFICATIONS
MP	MGT. & PERS. ISSUES	71705	ENGINEERING AIDE QUALIFICATIONS
MP	MGT. & PERS. ISSUES	71706	MANAGEMENT QUALIFICATIONS
MP	MGT. & PERS. ISSUES	71707	TRAINING



CATEGORY	CATEGORY DESCRIPTION	SUBCATEGORY	SUBCATEGORY DESCRIPTION
MP	MGT. & PERS. ISSUES	71800	EMPLOYMENT
MP	MGT. & PERS. ISSUES	71801	CLASSIFICATION
MP	MGT. & PERS. ISSUES	71802	REDUCTION IN FORCE/LAYOFF
MP	MGT. & PERS. ISSUES	71803	SUSPENSION/TERMINATION
MP	MGT. & PERS. ISSUES	71804	SELECTION
MP	MGT. & PERS. ISSUES	71805	VPA PROCESS
MP	MGT. & PERS. ISSUES	71806	MISCELLANEOUS
MP	MGT. & PERS. ISSUES	71900	PAY
MP	MGT. & PERS. ISSUES	71901	MERIT AWARDS DEPEND ON MANAGEMENT FAVORITISM
MP	MGT. & PERS. ISSUES	71902	QUESTIONS ABOUT MERIT PLAN FUNDING
MP	MGT. & PERS. ISSUES	71903	INADEQUACY OF MERIT AWARD CRITERIA
MP	MGT. & PERS. ISSUES	71904	UNGRIEVABILITY OF MERIT AWARDS
MP	MGT. & PERS. ISSUES	71905	TVA SALARIES NOT COMPARABLE TO SALARIES OUTSIDE
MP	MGT. & PERS. ISSUES	71906	MANAGEMENT PAY
MP	MGT. & PERS. ISSUES	71907	DIFFICULTY IN GETTING PAY CHECKS EARLY
MP	MGT. & PERS. ISSUES	71908	UNAUTHORIZED RELEASE OF PAYROLL INFORMATION
MP	MGT. & PERS. ISSUES	71909	FINAL COMPENSATION PAID ON LAST DAY OF WORK
MP	MGT. & PERS. ISSUES	71910	MISCELLANEOUS PAY ISSUES
MP	MGT. & PERS. ISSUES	72000	PERS. RECORDS
MP	MGT. & PERS. ISSUES	72001	PERSONNEL FILES IN FIELD OFFICES
MP	MGT. & PERS. ISSUES	72002	PERSONNEL NOTES KEPT BY SUPERVISOR
MP	MGT. & PERS. ISSUES	72003	FLAWED RECORDS
MP	MGT. & PERS. ISSUES	72004	DISAPPEARANCE OF T&L FILES
MP	MGT. & PERS. ISSUES	72005	ELIGIBILITY CODES
MP	MGT. & PERS. ISSUES	72006	MISUSE OF RECORDS
MP	MGT. & PERS. ISSUES	72007	UNAUTHORIZED ACCESS TO PERSONNEL RECORDS
MP	MGT. & PERS. ISSUES	72008	FALSIFICATION OF PERSONNEL RECORDS
MP	MGT. & PERS. ISSUES	72100	VETERANS
NU	NRC EVALUATION	00000	
OP	PLANT OPER. SUPPORT	00000	
OP	PLANT OPER. SUPPORT	30100	MECHANICAL EQUIPMENT RELIABILITY/DESIGN
OP	PLANT OPER. SUPPORT	30101	KERO TEST VALVE LEAKAGE AND CORROSION
OP	PLANT OPER. SUPPORT	30102	D/G RELIABILITY PROBLEMS
OP	PLANT OPER. SUPPORT	30103	VIBRATION PROBLEMS NOTED
OP	PLANT OPER. SUPPORT	30104	RETUBING PROBLEMS (HEAT EXCHANGERS)
OP	PLANT OPER. SUPPORT	30105	QUESTIONABLE DESIGN/CONSTRUCTION PRACTICE
OP	PLANT OPER. SUPPORT	30106	HARDWARE SELECTION QUESTIONABLE
OP	PLANT OPER. SUPPORT	30107	GENERAL PAINT CONCERN RX BLOG
OP	PLANT OPER. SUPPORT	30108	S/G MANWAY INSTALLATION (ALARA)
OP	PLANT OPER. SUPPORT	30109	SOCKET WRENCH DROPPED INTO U1 TURBINE
OP	PLANT OPER. SUPPORT	30110	SPENT FUEL RACKS PROBLEM
OP	PLANT OPER. SUPPORT	30111	VALVE CLOSURE PROBLEM
OP	PLANT OPER. SUPPORT	30112	IMPROPER OPERATION OF SYSTEM #1
OP	PLANT OPER. SUPPORT	30113	QUESTIONABLE ACTIVITIES PRODUCING OPER. PROBLEMS
OP	PLANT OPER. SUPPORT	30114	HALF FUNCTION OF DOORS
OP	PLANT OPER. SUPPORT	30115	IMPROPER HARDWARE IDENTIFICATION
OP	PLANT OPER. SUPPORT	30116	HEALTH AND SAFETY CONCERNS
OP	PLANT OPER. SUPPORT	30200	ELECTRICAL AND COMMUNICATIONS
OP	PLANT OPER. SUPPORT	30201	POSSIBLE LACK OF WATERTIGHT CONDUIT AND CONNECTION
OP	PLANT OPER. SUPPORT	30202	LOW LINE VOLTAGE
OP	PLANT OPER. SUPPORT	30203	DISCONNECTED PAGING SPEAKER AT SECURITY POST #3
OP	PLANT OPER. SUPPORT	30204	GROUND AND ELECTRICAL SHOCK PROBLEMS
OP	PLANT OPER. SUPPORT	30205	COMMUNICATIONS EQUIP OF INADEQUATE QNTY AND QLTY
OP	PLANT OPER. SUPPORT	30206	TRANSFER CANAL ELECTRICAL EQUIPMENT
OP	PLANT OPER. SUPPORT	30300	INSTRUMENTATION AND RADIATION MONITORING
OP	PLANT OPER. SUPPORT	30301	DIFFICULTY OF OBTAINING OBSOLETE EQUIPMENT
OP	PLANT OPER. SUPPORT	30302	LOCATION OF COLD LEG ACCUMULATOR LEVEL MISTERS
OP	PLANT OPER. SUPPORT	30303	ACCURACY OF SAFETY-RELATED INSTRUMENTATION
OP	PLANT OPER. SUPPORT	30304	CALIBRATION OF ICE CONDENSER LOAD CELLS
OP	PLANT OPER. SUPPORT	30305	RELIABILITY AND MAINT RADIATION MONITORING EQUIP
OP	PLANT OPER. SUPPORT	30400	CABLES AND CONDUIT
OP	PLANT OPER. SUPPORT	30401	PROCEDURE PROBLEMS
OP	PLANT OPER. SUPPORT	30402	ELECTRICAL PENETRATION BREACHED
OP	PLANT OPER. SUPPORT	30403	CABLE PROBLEM IN MANHOLES
OP	PLANT OPER. SUPPORT	30404	LOOSE CONDUIT PROBLEM
OP	PLANT OPER. SUPPORT	30500	ACCESSABILITY
OP	PLANT OPER. SUPPORT	30501	ACCESSIBILITY PROBLEMS
OP	PLANT OPER. SUPPORT	30600	FIRE PROTECTION
OP	PLANT OPER. SUPPORT	30601	FIRE PROTECTION EQUIPMENT WORKS IMPROPERLY
OP	PLANT OPER. SUPPORT	30602	CABLE TRAY FIRE BARR & PENET SLEEVES DWG PROBLEMS
OP	PLANT OPER. SUPPORT	30700	NUC PR SITE PROGRAMS/PROCEDURES
OP	PLANT OPER. SUPPORT	30701	POWC APPROVAL PROCESS
OP	PLANT OPER. SUPPORT	30702	HANDLING OF SAFEGUARDS INFORMATION

CATEGORY	CATEGORY DESCRIPTION	SUBCATEGORY	SUBCATEGORY DESCRIPTION
OP	PLANT OPER. SUPPORT	30703	TRANSFER OF EQUIPMENT
OP	PLANT OPER. SUPPORT	30704	WORK PLAN PROCESS
OP	PLANT OPER. SUPPORT	30705	SURVEILLANCE PROGRAM AND INSTRUCTIONS
OP	PLANT OPER. SUPPORT	30706	TEST PROCEDURES/PROGRAMS
OP	PLANT OPER. SUPPORT	30707	RADIOLOGICAL EMERGENCY PLAN
OP	PLANT OPER. SUPPORT	30708	TRAINING PROGRAM FOR EMPLOYEES
OP	PLANT OPER. SUPPORT	30709	EXPERIENCE REVIEW PROGRAM
OP	PLANT OPER. SUPPORT	30710	CORPORATE/SITE SUPPORT FUNCTIONS
OP	PLANT OPER. SUPPORT	30711	MANAGEMENT NONRESPONSIVENESS
OP	PLANT OPER. SUPPORT	30712	QUANTITY OF PROCEDURAL REQUIREMENTS
OP	PLANT OPER. SUPPORT	30713	CONFIGURATION CONTROL
OP	PLANT OPER. SUPPORT	30800	MAINTENANCE
OP	PLANT OPER. SUPPORT	30801	ADEQUACY OF PROCEDURES
OP	PLANT OPER. SUPPORT	30802	PREVENTATIVE MAINTENANCE
OP	PLANT OPER. SUPPORT	30803	CORRECTIVE MAINTENANCE
OP	PLANT OPER. SUPPORT	30804	PROGRAM DEFICIENCIES, PROCEDURE VIOLATIONS
OP	PLANT OPER. SUPPORT	30805	TRAINING PROGRAM DEFICIENCIES
OP	PLANT OPER. SUPPORT	30806	SUBJOURNEYMAN/JOURNEYMAN
OP	PLANT OPER. SUPPORT	30807	CLAM CONTROL
OP	PLANT OPER. SUPPORT	30900	ENGINEERING
OP	PLANT OPER. SUPPORT	30901	ADEQUACY OF PROCEDURES
OP	PLANT OPER. SUPPORT	30902	TECH SPEC COMPLIANCE
OP	PLANT OPER. SUPPORT	30903	REGULATORY COMPLIANCE
OP	PLANT OPER. SUPPORT	30904	PROCEDURE/VIOLATIONS
OP	PLANT OPER. SUPPORT	30905	TECHNICAL TRAINING
OP	PLANT OPER. SUPPORT	31000	OPERATIONS/OPERATIONAL
OP	PLANT OPER. SUPPORT	31001	OPERATIONS PROGRAM/PROCEDURES INADEQUATE
OP	PLANT OPER. SUPPORT	31002	OPERATOR QUALIFICATIONS
OP	PLANT OPER. SUPPORT	31003	OPR PROCEDURES NEED CLARIFICATION REWRITTEN & USED
OP	PLANT OPER. SUPPORT	31004	PROCEDURE VIOLATIONS RELATED TO OPERATIONS
OP	PLANT OPER. SUPPORT	31100	HEALTH PHYSICS
OP	PLANT OPER. SUPPORT	31101	HEALTH PHYSICS STAFF TRAINING
OP	PLANT OPER. SUPPORT	31102	RADIOACTIVE MATERIAL CONTROL
OP	PLANT OPER. SUPPORT	31103	EXPOSURE LIMITS AND RECORDS
OP	PLANT OPER. SUPPORT	31104	HP POLICY, PRACTICES AND MANAGEMENT CONTROL
OP	PLANT OPER. SUPPORT	31105	ALARA
OP	PLANT OPER. SUPPORT	31106	HP FACILITIES, CLOTHING & PROTECTIVE EQUIPMENT
OP	PLANT OPER. SUPPORT	31107	RADIOACTIVE EFFLUENTS/UNCONTROLLED AREAS
OP	PLANT OPER. SUPPORT	31200	SECURITY
OP	PLANT OPER. SUPPORT	31201	ADEQUACY OF PSD UNIFORM IN NUC PLANT ENVIRONMENT
OP	PLANT OPER. SUPPORT	31202	DISCRIMINATION WITHIN THE SECURITY ORGANIZATION
OP	PLANT OPER. SUPPORT	31203	SECURITY PERSONNEL TRAINING PROGRAM
OP	PLANT OPER. SUPPORT	31204	MANAGEMENT AND PERSONNEL ISSUES
OP	PLANT OPER. SUPPORT	31205	SECURITY INTERFACES U1/U2
OP	PLANT OPER. SUPPORT	31206	MANAGEMENT ATTITUDES TOWARD SECURITY EFFORTS
OP	PLANT OPER. SUPPORT	31207	SECURITY PROCEDURE VIOLATIONS
OP	PLANT OPER. SUPPORT	31208	SECURITY AT PLANT ENTRANCES
OP	PLANT OPER. SUPPORT	31209	SECURITY GUARD TOWERS
OP	PLANT OPER. SUPPORT	31210	CENTRAL ALARM SYSTEM
OP	PLANT OPER. SUPPORT	31211	SECURITY DESIGN AND HARDWARE
OP	PLANT OPER. SUPPORT	31212	SECURITY PROGRAMS AND PROCEDURES
OP	PLANT OPER. SUPPORT	31300	MISCELLANEOUS
OP	PLANT OPER. SUPPORT	31301	PERSONNEL SAFETY (WORKING ALONE)
OP	PLANT OPER. SUPPORT	31302	PERSONNEL SAFETY (HARDWARE)
OP	PLANT OPER. SUPPORT	31303	HOUSEKEEPING
OP	PLANT OPER. SUPPORT	31304	ENVIRONMENTAL
OP	PLANT OPER. SUPPORT	31305	SEWAGE TREATMENT
OP	PLANT OPER. SUPPORT	31306	QUESTIONABLE CONCRETE REPAIR (GROUT)
OP	PLANT OPER. SUPPORT	31307	SON INSULATION
OP	PLANT OPER. SUPPORT	31308	BFN MPC1 SYSTEM
OP	PLANT OPER. SUPPORT	31309	PLANT IMPROVEMENTS/SUGGESTIONS
QA	QA/QC PROGRAMS	00000	
QA	QA/QC PROGRAMS	00000	GENERAL MANAGEMENT AND POLICY
QA	QA/QC PROGRAMS	00100	QUALITY ASSURANCE MANAGEMENT AND POLICY
QA	QA/QC PROGRAMS	00101	NONCONFORMANCE REPORTING/PROBLEM REPORTING
QA	QA/QC PROGRAMS	00102	QA PROCEDURE REVISION
QA	QA/QC PROGRAMS	00103	QA PROGRAM VS LICENSING COMMITMENTS
QA	QA/QC PROGRAMS	00104	PROCUREMENT
QA	QA/QC PROGRAMS	00105	AUDITS (QA PROGRAM ADEQUACY)
QA	QA/QC PROGRAMS	00106	QA INDEPENDENCE
QA	QA/QC PROGRAMS	00107	QA AUTHORITY
QA	QA/QC PROGRAMS	00108	INSPECTION CRITERIA
QA	QA/QC PROGRAMS	00109	PROGRAM ADEQUACY

## CATEGORY CATEGORY DESCRIPTION SUBCATEGORY

## SUBCATEGORY DESCRIPTION

QA	QA/QC PROGRAMS	80110	QA EFFECTIVENESS/DECENTRALIZATION
QA	QA/QC PROGRAMS	80111	QA STAFFING
QA	QA/QC PROGRAMS	80112	AUDITS (QA ORGANIZATIONAL EFFECTIVENESS)
QA	QA/QC PROGRAMS	80113	MANAGEMENT/SUPERVISION
QA	QA/QC PROGRAMS	80114	AUDIT (QA MANAGEMENT PERFORMANCE)
QA	QA/QC PROGRAMS	80115	NONCONFORMING ITEMS
QA	QA/QC PROGRAMS	80116	POOR WORK PRACTICES
QA	QA/QC PROGRAMS	80200	INSPECTION
QA	QA/QC PROGRAMS	80201	BASIS OF INSPECTION
QA	QA/QC PROGRAMS	80202	INADEQUATE/INCONSISTANT CRITERIA
QA	QA/QC PROGRAMS	80203	VENDOR WELD ACCEPTANCE CRITERIA
QA	QA/QC PROGRAMS	80204	PROCEDURE VIOLATIONS (NONCOMPLIANCE)
QA	QA/QC PROGRAMS	80205	PROCEDURAL REVISIONS
QA	QA/QC PROGRAMS	80206	INADEQUATE PROCEDURES
QA	QA/QC PROGRAMS	80207	PROCEDURALLY REQUIRED DOCUMENTATION
QA	QA/QC PROGRAMS	80208	PROCEDURE CONFLICTS
QA	QA/QC PROGRAMS	80209	INADEQUATE INSPECTIONS
QA	QA/QC PROGRAMS	80210	WELDING INSPECTION
QA	QA/QC PROGRAMS	80211	NONDESTRUCTIVE EXAMINATIONS
QA	QA/QC PROGRAMS	80212	PIPE SUPPORT INSPECTIONS
QA	QA/QC PROGRAMS	80213	ELECTRICAL INSPECTIONS
QA	QA/QC PROGRAMS	80214	DESIGN/INSTALLATION VERIFICATION
QA	QA/QC PROGRAMS	80215	INCONSISTANT INSPECTIONS
QA	QA/QC PROGRAMS	80216	HVAC INSPECTIONS
QA	QA/QC PROGRAMS	80217	INSTRUMENTATION INSPECTIONS
QA	QA/QC PROGRAMS	80218	PROTECTIVE COATING INSPECTIONS
QA	QA/QC PROGRAMS	80219	MISCELLANEOUS
QA	QA/QC PROGRAMS	80220	INSPECTION RESPONSIVENESS
QA	QA/QC PROGRAMS	80221	INADEQUATE INSPECTION REQUIREMENTS
QA	QA/QC PROGRAMS	80222	INADEQUATE RECEIPT INSPECTION
QA	QA/QC PROGRAMS	80300	QUALITY ASSURANCE PERSONNEL
QA	QA/QC PROGRAMS	80301	INSPECTORS NOT QUALIFIED
QA	QA/QC PROGRAMS	80302	QUALIFICATIONS BEING QUESTIONED
QA	QA/QC PROGRAMS	80303	QA MANAGER NOT QUALIFIED
QA	QA/QC PROGRAMS	80304	EMPLOYEES PERFORMING SAMPLING NOT QUALIFIED
QA	QA/QC PROGRAMS	80305	AUDITOR QUALIFICATIONS QUESTIONED
QA	QA/QC PROGRAMS	80306	QUALIFICATION TESTING
QA	QA/QC PROGRAMS	80307	CERTIFICATION PROCESS BEING QUESTIONED
QA	QA/QC PROGRAMS	80308	NOT COMPLYING WITH N4S.2.6
QA	QA/QC PROGRAMS	80309	CONCRETE INSPECTORS NOT CERTIFIED IN NUC PR DEPT
QA	QA/QC PROGRAMS	80310	INADEQUATE EYE TESTING
QA	QA/QC PROGRAMS	80311	LACK OF/INADEQUATE TRAINING
QA	QA/QC PROGRAMS	80312	LACK OF ON-THE-JOB TRAINING (OJT)
QA	QA/QC PROGRAMS	80313	FAILING TEST AFTER TRAINING
QA	QA/QC PROGRAMS	80400	NONCONFORMANCE CONTROL AND CORRECTIVE ACTION
QA	QA/QC PROGRAMS	80401	DISCREPANCIES NOT BEING DOCUMENTED
QA	QA/QC PROGRAMS	80402	TIMELY ISSUANCE OF DISCREPANCY DOCUMENTATION
QA	QA/QC PROGRAMS	80403	STORAGE OF DISCREPANCY DOCUMENTATION
QA	QA/QC PROGRAMS	80404	PROCESSING OF DISCREPANCY REPORTS/DESIGN CHANGES
QA	QA/QC PROGRAMS	80405	DISPOSITION ASSIGNMENT/CORRECTIVE ACTION
QA	QA/QC PROGRAMS	80406	ASSIGNMENT OF ROOT CAUSE
QA	QA/QC PROGRAMS	80407	DISPOSITION BY SAMPLING
QA	QA/QC PROGRAMS	80408	CONSISTENCY OF RESOLUTION
QA	QA/QC PROGRAMS	80409	DISCREPANCY STATUS/TRACKING
QA	QA/QC PROGRAMS	80410	CORRECTIVE ACTION FOR NDE PROGRAMS
QA	QA/QC PROGRAMS	80411	DISCREPANCY REVIEW FOR REPORTABILITY
QA	QA/QC PROGRAMS	80412	FOLLOWING/IMPLEMENTING NONCONFORMANCE PROCEDURE
QA	QA/QC PROGRAMS	80413	PROCEDURE ADEQUACY
QA	QA/QC PROGRAMS	80414	DISCREPANCY TRENDING
QA	QA/QC PROGRAMS	80415	CORRECTIVE ACTION COMPLETION/IMPLEMENTATION
QA	QA/QC PROGRAMS	80500	DOCUMENT CONTROL AND RECORDS
QA	QA/QC PROGRAMS	80501	INSUFFICIENT DETAILS PROVIDED
QA	QA/QC PROGRAMS	80502	CHANGES TO SAFETY RELATED SYSTEMS
QA	QA/QC PROGRAMS	80503	TIMELINESS OF DRAWING UPDATE
QA	QA/QC PROGRAMS	80504	AS-BUILT CONDITIONS
QA	QA/QC PROGRAMS	80505	INCORPORATION OF UPPER TIER DOCUMENT REQUIREMENTS
QA	QA/QC PROGRAMS	80506	INCORRECT SIGN-OFF
QA	QA/QC PROGRAMS	80507	LACK OF INSPECTION DOCUMENTATION
QA	QA/QC PROGRAMS	80508	CI SUGGEST USE OF STAMP
QA	QA/QC PROGRAMS	80509	PD DOCUMENTATION DID NOT MEET ACCEPTANCE CRITERIA
QA	QA/QC PROGRAMS	80510	TIMELY DOCUMENT DISTRIBUTION
QA	QA/QC PROGRAMS	80511	DOCUMENT DISTRIBUTION CONTROL
QA	QA/QC PROGRAMS	80512	LEGIBILITY OF DOCUMENT

CATEGORY CATEGORY DESCRIPTION SUBCATEGORY			SUBCATEGORY DESCRIPTION
QA	QA/QC PROGRAMS	80513	DOCUMENT VERIFICATION
QA	QA/QC PROGRAMS	80514	MISSING RECORDS/DOCUMENTATION
QA	QA/QC PROGRAMS	80515	DOCUMENTATION REVIEW
QA	QA/QC PROGRAMS	80516	RECORDS MANAGEMENT
QA	QA/QC PROGRAMS	80517	RECORDS RETENTION AND STORAGE
QA	QA/QC PROGRAMS	80518	RECORDS RETRIEVABILITY
QA	QA/QC PROGRAMS	80519	FALSIFICATION OF RECORDS
QA	QA/QC PROGRAMS	80600	GENERAL MANAGEMENT AND POLICY
QA	QA/QC PROGRAMS	80601	MANAGEMENT OF CORRECTIVE ACTION
QA	QA/QC PROGRAMS	80602	MANAGEMENT DIRECTED DEVIATIONS
QA	QA/QC PROGRAMS	80603	MANAGEMENT CONTROL OF CRAFTS
QA	QA/QC PROGRAMS	80604	INCOMPLETE/INACCURATE REPORTING
QA	QA/QC PROGRAMS	80605	MANAGEMENT AWARENESS OF QA FUNCTIONS
QA	QA/QC PROGRAMS	80606	FAILURE TO FOLLOW PROCEDURES
QA	QA/QC PROGRAMS	80607	QA STAFFING
QA	QA/QC PROGRAMS	80608	COMPATIBILITY OF "Q" AND CSSC -- "Q" LIST
SF	INDUSTRIAL SAFETY	90000	
SF	INDUSTRIAL SAFETY	90100	MANAGEMENT OF SAFETY
SF	INDUSTRIAL SAFETY	90101	MANAGEMENT OF SAFETY - SAFETY NOT PRACTICED
SF	INDUSTRIAL SAFETY	90102	MANAGEMENT OF SAFETY - MANAGEMENT NOT RESPONSIVE
SF	INDUSTRIAL SAFETY	90103	MANAGEMENT OF SAFETY - JOB SAFETY PLANNING
SF	INDUSTRIAL SAFETY	90104	MANAGEMENT OF SAFETY - SAFETY STAFF UNRESPONSIVE
SF	INDUSTRIAL SAFETY	90105	MANAGEMENT OF SAFETY - ACCIDENT INVESTIGATIONS
SF	INDUSTRIAL SAFETY	90106	MANAGEMENT OF SAFETY - PRODUCTION VS SAFETY
SF	INDUSTRIAL SAFETY	90107	MANAGEMENT OF SAFETY - RULE VIOLATIONS
SF	INDUSTRIAL SAFETY	90108	MANAGEMENT OF SAFETY - INADEQUATE/IMPROPER RULES
SF	INDUSTRIAL SAFETY	90109	MANAGEMENT OF SAFETY - ORDERED TO VIOLATE RULES
SF	INDUSTRIAL SAFETY	90110	MANAGEMENT OF SAFETY - SELECTIVE ENFORCEMENT
SF	INDUSTRIAL SAFETY	90111	MANAGEMENT OF SAFETY - PROGRAM INADEQUATE
SF	INDUSTRIAL SAFETY	90400	PROTECTIVE EQUIPMENT
SF	INDUSTRIAL SAFETY	90401	PROTECTIVE EQUIPMENT - OBJECTIONS TO EYE PROTECTION
SF	INDUSTRIAL SAFETY	90402	PROTECTIVE EQUIPMENT - EYE PROTECTION PROBLEMS
SF	INDUSTRIAL SAFETY	90403	PROTECTIVE EQUIPMENT - INCONSISTENT REQUIREMENTS
SF	INDUSTRIAL SAFETY	90404	PROTECTIVE EQUIPMENT - WELDING SHIELDS AND BARRIERS
SF	INDUSTRIAL SAFETY	90405	PROTECTIVE EQUIPMENT - INADEQUATE SELECTION
SF	INDUSTRIAL SAFETY	90406	PROTECTIVE EQUIPMENT - SANDBLASTING EQPT.
SF	INDUSTRIAL SAFETY	90500	LIFE SAFETY
SF	INDUSTRIAL SAFETY	90501	LIFE SAFETY - PIPE CHASE
SF	INDUSTRIAL SAFETY	90502	LIFE SAFETY - RAD CHEM LAB DOORS
SF	INDUSTRIAL SAFETY	90503	LIFE SAFETY - PLANT EMERGENCY EXITS AND ROUTES
SF	INDUSTRIAL SAFETY	90504	LIFE SAFETY - AUX BUILDING AIR LOCK DOORS
SF	INDUSTRIAL SAFETY	90505	LIFE SAFETY - HATCH NEEDED-UPPER PRESSURIZER
SF	INDUSTRIAL SAFETY	90506	LIFE SAFETY - FIRE TRAP
SF	INDUSTRIAL SAFETY	90507	LIFE SAFETY - OTHER SITES
SF	INDUSTRIAL SAFETY	90508	LIFE SAFETY - SAFETY RELIEF VALVE ACCESS/EGRESS
SF	INDUSTRIAL SAFETY	90600	ELECTRICAL
SF	INDUSTRIAL SAFETY	90601	ELECTRICAL - TEMPORARY LIGHTING AND CORDS
SF	INDUSTRIAL SAFETY	90602	ELECTRICAL - SHOCK HAZARDS-WATER ON FLOORS
SF	INDUSTRIAL SAFETY	90603	ELECTRICAL - CLEARANCE PROCEDURE
SF	INDUSTRIAL SAFETY	90604	ELECTRICAL - DRILLING INTO CONCRETE WALLS
SF	INDUSTRIAL SAFETY	90605	ELECTRICAL - 480V OUTLETS-NO DISCONNECT SWITCH
SF	INDUSTRIAL SAFETY	90606	ELECTRICAL - CRANES-NO DISCONNECT SWITCH
SF	INDUSTRIAL SAFETY	90607	ELECTRICAL - MAINTENANCE OF WELDING LEADS AND CORDS
SF	INDUSTRIAL SAFETY	90608	ELECTRICAL - ELEC SUPPLY TRAILERS & TRANSFORMERS
SF	INDUSTRIAL SAFETY	90609	ELECTRICAL - PERMANENT LIGHTING NEEDED
SF	INDUSTRIAL SAFETY	90610	ELECTRICAL - DIPSTICK/ARCING PROBLEM
SF	INDUSTRIAL SAFETY	90700	DESIGN
SF	INDUSTRIAL SAFETY	90701	DESIGN - PERSONNEL SAFETY/ACCESS NOT CONSIDERED
SF	INDUSTRIAL SAFETY	90702	DESIGN - PURGE AIR VALVE LOCATION
SF	INDUSTRIAL SAFETY	90703	DESIGN - CO2 FIRE PROTECTION SYSTEM HAZARDS
SF	INDUSTRIAL SAFETY	90704	DESIGN - LOCATION OF MAIN STEAM LINES
SF	INDUSTRIAL SAFETY	90705	DESIGN - BFWP MAIN STEAM RELIEF VALVE
SF	INDUSTRIAL SAFETY	90800	EMERGENCY EQUIPMENT AND PLANT RESPONSE
SF	INDUSTRIAL SAFETY	90801	EMERGENCY EQUIPMENT/RESPONSE - FIRE FIGHTING EQUIP
SF	INDUSTRIAL SAFETY	90802	EMERGENCY EQUIPMENT/RESPONSE - SCBA RESPIRATORS
SF	INDUSTRIAL SAFETY	90803	EMERGENCY EQUIPMENT/RESPONSE - EMERGENCY LIGHTING
SF	INDUSTRIAL SAFETY	90804	EMERGENCY EQUIPMENT/RESPONSE - EYEWASH/SHOWERS
SF	INDUSTRIAL SAFETY	90805	EMERGENCY EQUIPMENT/RESPONSE - SLOW RESPONSE TIME
SF	INDUSTRIAL SAFETY	90806	EMERGENCY EQUIPMENT/RESPONSE - RESCUE FROM ANNULUS
SF	INDUSTRIAL SAFETY	90807	EMERGENCY EQUIPMENT/RESPONSE - INCOMPATIBLE EQUIP
SF	INDUSTRIAL SAFETY	90808	EMERGENCY EQUIPMENT/RESPONSE - SITE EVACUATION
SF	INDUSTRIAL SAFETY	90900	WALKING AND WORKING SURFACES
SF	INDUSTRIAL SAFETY	90901	WALKING AND WORKING SURFACES - GUARDRAILS

CATEGORY	CATEGORY DESCRIPTION	SUBCATEGORY	SUBCATEGORY DESCRIPTION
SF	INDUSTRIAL SAFETY	90902	WALKING AND WORKING SURFACES - LADDERS
SF	INDUSTRIAL SAFETY	90903	WALKING AND WORKING SURFACES - SCAFFOLDS
SF	INDUSTRIAL SAFETY	90904	WALKING AND WORKING SURFACES - IMPROPERLY INSTALLED
SF	INDUSTRIAL SAFETY	90905	WALKING AND WORKING SURFACES - TRIPPING HAZARDS
SF	INDUSTRIAL SAFETY	90906	WALKING AND WORKING SURFACES - CATWALKS/GRADE DECKS
SF	INDUSTRIAL SAFETY	91000	UNSAFE CONDITIONS
SF	INDUSTRIAL SAFETY	91001	UNSAFE CONDITIONS - HOUSEKEEPING
SF	INDUSTRIAL SAFETY	91002	UNSAFE CONDITIONS - MATERIAL STORAGE
SF	INDUSTRIAL SAFETY	91003	UNSAFE CONDITIONS - TRAFFIC CONTROL
SF	INDUSTRIAL SAFETY	91004	UNSAFE CONDITIONS - OXY & ACETYLENE GUAGES/HEADERS
SF	INDUSTRIAL SAFETY	91005	UNSAFE CONDITIONS - AIRLOCK DOOR CONDITIONS
SF	INDUSTRIAL SAFETY	91006	UNSAFE CONDITIONS - CONTROL OF VEHICLE SPEED
SF	INDUSTRIAL SAFETY	91007	UNSAFE CONDITIONS - FLAMMABLE LIQUID STORAGE
SF	INDUSTRIAL SAFETY	91008	UNSAFE CONDITIONS - IMPROPER USE OF CRANES
SF	INDUSTRIAL SAFETY	91009	UNSAFE CONDITIONS - EXTERIOR DOORS NOT MAINTAINED
SF	INDUSTRIAL SAFETY	91010	UNSAFE CONDITIONS - SCRAP METAL DROP CHUTE
SF	INDUSTRIAL SAFETY	91012	UNSAFE CONDITIONS - EXPLOSIVE DETECTORS
SF	INDUSTRIAL SAFETY	91013	UNSAFE CONDITIONS - BOOBYTRAPS IN PLANT
SF	INDUSTRIAL SAFETY	91014	UNSAFE CONDITIONS - MANWAY DOOR COVERS
SF	INDUSTRIAL SAFETY	91015	UNSAFE CONDITIONS - MISCELLANEOUS-BFW
SF	INDUSTRIAL SAFETY	91016	UNSAFE CONDITIONS - MISCELLANEOUS-SQN
SF	INDUSTRIAL SAFETY	91017	UNSAFE CONDITIONS - MISCELLANEOUS-WBN
SF	INDUSTRIAL SAFETY	91100	DEFECTIVE/INADEQUATE EQUIPMENT
SF	INDUSTRIAL SAFETY	91101	DEFECTIVE/INADEQUATE EQUIPMENT - FORK LIFTS
SF	INDUSTRIAL SAFETY	91102	DEFECTIVE/INADEQUATE EQUIPMENT - POWER HAND TOOLS
SF	INDUSTRIAL SAFETY	91103	DEFECTIVE/INADEQUATE EQUIPMENT - VISES
SF	INDUSTRIAL SAFETY	91104	DEFECTIVE/INADEQUATE EQUIPMENT - YARD RAMPS
SF	INDUSTRIAL SAFETY	91105	DEFECTIVE/INADEQUATE EQUIPMENT - SANDBLASTING EQPT.
SF	INDUSTRIAL SAFETY	91106	DEFECTIVE/INADEQUATE EQUIPMENT - VEHICLES AND EQPT.
SF	INDUSTRIAL SAFETY	91200	INDUSTRIAL HYGIENE
SF	INDUSTRIAL SAFETY	91201	INDUSTRIAL HYGIENE - ASBESTOS
SF	INDUSTRIAL SAFETY	91202	INDUSTRIAL HYGIENE - HYDRAZINE
SF	INDUSTRIAL SAFETY	91203	INDUSTRIAL HYGIENE - PCB'S
SF	INDUSTRIAL SAFETY	91204	INDUSTRIAL HYGIENE - HAZARDOUS MATERIALS
SF	INDUSTRIAL SAFETY	91205	INDUSTRIAL HYGIENE - VENTILATION
SF	INDUSTRIAL SAFETY	91206	INDUSTRIAL HYGIENE - TEMPERATURE
SF	INDUSTRIAL SAFETY	91207	INDUSTRIAL HYGIENE - OXYGEN
SF	INDUSTRIAL SAFETY	91208	INDUSTRIAL HYGIENE - FIBERGLASS
SF	INDUSTRIAL SAFETY	91209	INDUSTRIAL HYGIENE - BREATHING AIR
SF	INDUSTRIAL SAFETY	91210	INDUSTRIAL HYGIENE - MISCELLANEOUS
SF	INDUSTRIAL SAFETY	91211	INDUSTRIAL HYGIENE - NOISE
WE	NON QA/QC WELDING	00000	SQN ISSUES ADDRESSED IN REPORT WP-19-SQN
WE	NON QA/QC WELDING	50000	WELDER CERTIFICATION
WE	NON QA/QC WELDING	50100	IMPROPER WELDER CERTIFICATION
WE	NON QA/QC WELDING	50101	QUESTIONABLE WELDER TRAINING AND EXPERIENCE
WE	NON QA/QC WELDING	50102	ADMINISTRATIVE PROBLEMS ASSOC WITH RECERTIFICATION
WE	NON QA/QC WELDING	50103	WELDER RECERTIFICATION-NOT WEP APPLICABLE
WE	NON QA/QC WELDING	50200	INSPECTOR CERTIFICATION/QUALIFICATION
WE	NON QA/QC WELDING	50201	VISUAL INSPECTOR QUALIFICATIONS DO NOT MEET CODE
WE	NON QA/QC WELDING	50202	QUESTIONABLE VISUAL INSPECTOR EXPERIENCE/TRAINING
WE	NON QA/QC WELDING	50203	INSPECTOR QUALIFICATION
WE	NON QA/QC WELDING	50300	WELD FILLER MATERIAL CONTROL
WE	NON QA/QC WELDING	50301	PROCEDURES FOR COATED ELECTRODE NOT FOLLOWED
WE	NON QA/QC WELDING	50302	POOR QUALITY FLUX
WE	NON QA/QC WELDING	50303	INADEQUATE WELD FILLER TRACEABILITY
WE	NON QA/QC WELDING	50309	WELD FILLER CONTROL-NOT WEP APPLICABLE
WE	NON QA/QC WELDING	50400	PARENT METAL PROBLEMS
WE	NON QA/QC WELDING	50401	UNREPAIRED ARC STRIKES
WE	NON QA/QC WELDING	50402	EXCESSIVE EXCAVATION
WE	NON QA/QC WELDING	50500	DOCUMENTATION/FALSIFICATION
WE	NON QA/QC WELDING	50501	IMPROPER ALTERATIONS
WE	NON QA/QC WELDING	50502	INCORRECT OR INACCURATE DOCUMENTATION
WE	NON QA/QC WELDING	50503	INADEQUATE DOCUMENT CONTROL
WE	NON QA/QC WELDING	50509	DOCUMENTATION-NOT WEP APPLICABLE
WE	NON QA/QC WELDING	50600	WORKMANSHIP/SPECIFIC WELD PROBLEMS
WE	NON QA/QC WELDING	50601	INCOMPLETE WELDS
WE	NON QA/QC WELDING	50602	WELDS DO NOT SATISFY ACCEPTANCE CRITERIA
WE	NON QA/QC WELDING	50603	POSSIBLE SURFACE DEFECTS
WE	NON QA/QC WELDING	50604	UNSATISFACTORY WELD APPEARANCE
WE	NON QA/QC WELDING	50605	WELDING DISSIMILAR METALS
WE	NON QA/QC WELDING	50609	WORKMANSHIP-NOT WEP APPLICABLE

## CATEGORY CATEGORY DESCRIPTION SUBCATEGORY

## SUBCATEGORY DESCRIPTION

WE	NON QA/QC WELDING	50700	NDE PROCESS/PROCEDURE
WE	NON QA/QC WELDING	50701	INADEQUATE PROCESS CONTROL
WE	NON QA/QC WELDING	50702	QUESTIONABLE INSPECTION PRACTICE
WE	NON QA/QC WELDING	50709	NDE PROCESS-NOT WEP APPLICABLE
WE	NON QA/QC WELDING	50800	WELD PROCESS/PROCEDURE
WE	NON QA/QC WELDING	50801	WELD PROCEDURES NOT PROPERLY FOLLOWED
WE	NON QA/QC WELDING	50802	WELD PROCEDURES NOT ADEQUATE
WE	NON QA/QC WELDING	50803	WELDING EQUIPMENT UNSUITABLE
WE	NON QA/QC WELDING	50804	OTHER WELD PROCESS CONTROL PROBLEMS
WE	NON QA/QC WELDING	50805	IMPROPER WELD REPAIR
WE	NON QA/QC WELDING	50809	WELD PROCESS CONTROL-NOT WEP APPLICABLE
WE	NON QA/QC WELDING	50900	OTHER WELD QUALITY PROBLEMS
WE	NON QA/QC WELDING	50901	QUESTIONABLE DESIGN PRACTICE
WE	NON QA/QC WELDING	50902	QUESTIONABLE MANAGEMENT PRACTICE
WE	NON QA/QC WELDING	50903	QUESTIONABLE CONSTRUCTION PRACTICE
WE	NON QA/QC WELDING	50909	OTHER WELD QUALITY PROBLEMS-NOT WEP APPLICABLE
ZZ		00000	



APPENDIX E  
VALID KEYWORDS

The following pages list the valid ECPS keywords that apply to the concern data. The keywords were originally assigned based upon the codes used by QTC to group the concerns.

Each concern has six possible keywords, one each in keywords A through F. The keywords are listed in the left-hand column and an indicator shows which keyword categories the keyword is valid for.

NOTE: At the present time only keywords A through D, which describe the concern, are valid. Keywords E and F will be used to describe the root cause of the concern and will be defined later.

7/21/86  
ECPSKEYW  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)  
LIST OF VALID KEYWORDS FOR THIS SYSTEM

PAGE

1

KEYWORD	VALID-A	VALID-B	VALID-C	VALID-D	VALID-E	VALID-F
ANCHORS				X		
AUDIT	X	X				
BENDING				X		
BOLTING				X		
CABLE				X		
CABLE TRAYS				X		
CADWELDING	X	X				
CADWELDS				X		
CALIBRATION	X	X				
CIVIL			X			
CLASSIFICATION	X	X				
CLEANING	X	X				
CMTR					X	
CO-WORKER					X	
COATINGS					X	
COMMUNICATION	X	X				
CONCRETE					X	
CONDUIT					X	
CONST MANAGEMENT					X	
CONST PROCESS	X	X				
CONSTRUCTION			X			
CONTRACTOR	X	X				
CONTROL PANEL					X	
CORRECTIVE ACTION	X	X				
DC POWER					X	
DESIGN CHANGES	X	X				
DESIGN PROCESS	X	X				
DESIGN RELATED	X	X				
DESIGN REVIEW	X	X				
DEVICES					X	
DISCIPLINARY		X				
DOCUMENT CONTROL	X	X				
DOCUMENT ISSUANCE	X	X				
DOCUMENT LOCATION	X	X				
DOCUMENT STATUS	X	X				
DOCUMENTS	X	X				
DRAWINGS	X	X				
DRUGS/THEFT/WEAPON	X	X				
DUCT WORK					X	
ELECTRICAL			X			
ELECTRICIANS					X	
EMBEDS					X	
EMPLOYEE PRACTICES		X				
EMPLOYEES					X	
ENGINEERING			X			
EQUIPMENT					X	
EXAMINATION	X	X				
EYE PROTECTION			X			
FABRICATION	X	X				
FALSIFICATION	X	X				

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)  
LIST OF VALID KEYWORDS FOR THIS SYSTEM

KEYWORD	VALID-A	VALID-B	VALID-C	VALID-D	VALID-E	VALID-F
FAVORITISM		X				
FIRE PROTECTION				X		
FITTINGS				X		
FLUSHING	X	X				
FOREMAN				X		
GENERAL			X	X		
GENERAL FOREMAN				X		
GRIEVANCE		X				
GROUNDING				X		
GROUTING				X		
HANDLING	X	X				
HANGERS			X	X		
HARASSMENT	X	X				
HEALTH PHYSICS	X	X	X			
HEAT TREATING						
HOUSEKEEPING					X	
HVAC			X			
IDENTIFICATION	X	X				
INDUSTRIAL SAFETY				X		
INSPECTION	X	X				
INSPECTORS				X		
INSTALLATION	X	X				
INSTRUMENT/MECH				X		
INSTRUMENTATION			X			
INSULATION				X		
IRON WORKERS				X		
LEGAL MATTERS		X				
LIGHTNING				X		
LOCATION				X		
MAINTENANCE	X	X				
MANAGEMENT	X	X				
MATERIAL				X		
MEDICAL	X	X				
MODIFICATION	X	X				
MORALE		X				
MOTOR CONTROL				X		
MOTORS				X		
MOUNTING				X		
NONCONFORMANCE	X	X				
NONDESTRUCTIVE EXAM	X	X				
OPERATION				X		
OPERATIONS			X			
ORGANIZATION	X	X				
OVERTIME		X				
PENETRATION					X	
PERSONNEL FEELINGS	X	X				
PERSONNEL RECORDS		X				
PIPE				X		
PIPEFITTERS				X		
PIPING			X			

TENNESSEE VALLEY AUTHORITY  
EMPLOYEE CONCERN PROGRAM SYSTEM (ECPS)  
LIST OF VALID KEYWORDS FOR THIS SYSTEM

KEYWORD	VALID-A	VALID-B	VALID-C	VALID-D	VALID-E	VALID-F
PLANNING	X	X				
POWER	X	X				
PREVENTIVE MAINT	X	X				
PROCEDURES	X	X				
PROCUREMENT	X	X				
PROGRAMMATIC	X	X				
PROMOTIONS		X				
PROTECTIVE COATING	X	X				
PUBLIC RELATIONS	X	X				
PUBLIC SAFETY		X				
PUMPS				X		
QA PROGRAM	X	X				
QUALIFICATION	X	X				
QUALITY			X			
RADIATION PROTCTN					X	
REBAR					X	
RECEIVING	X	X				
RECORD COLLECTION	X	X				
RECORD GENERATION	X	X				
RECORDS	X	X				
REDUCTION IN FORCE		X				
REGULATORY AGENCY			X			
RELEASE	X	X				
REPORTS					X	
REWORK	X	X				
RUST					X	
SAFETY CONDITION	X	X				
SAFETY PROGRAM	X	X				
SALARY ISSUES		X				
SCAFFOLDING					X	
SCHEDULE	X	X				
SECURITY	X	X			X	
SEPARATION					X	
SEXUAL DISCRIMINTN		X				
SOILS					X	
SPECIAL PROCESS	X	X				
SPECIFICATIONS	X	X				
STANDARDS	X	X				
STARTUP	X	X	X			
STEEL					X	
STORAGE	X	X				
STRUCTURES					X	
SUPERINTENDENT					X	
SUPERVISION	X	X				
SUPPLIER	X	X				
SUPPORTS					X	
SUPPORTS ELECT					X	
SYSTEMS			X			
TAGGING	X	X				
TEMPORARY					X	

KEYWORD	VALID-A	VALID-B	VALID-C	VALID-D	VALID-E	VALID-F
TERMINATIONS					X	
TESTING	X	X				
TESTING(PIPE/TUBE)	X	X				
TRACEABILITY	X	X				
TRAINING	X	X				
TRANSFORMERS					X	
TUBING					X	
UNION		X				
VALVES					X	
VENDOR			X			
VOID/TRNSFR/CHANGE	X	X	X		X	
WAIVER			X			
WELD EQUIPMENT					X	
WELD ROD					X	
WELDERS					X	
WELDING	X	X	X			
WELDS					X	
WORKING CONDITIONS		X				
10CFR OTHER	X	X				
10CFR21	X	X				
10CFR50.55(E)	X	X				

**ENCLOSURE 2**



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 1  
TIME 15:55:48  
DATE 02/07/87

CONCERN NO: ECP-86-BF-A54-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30600 FIRE PROTECTION  
SUBJECT: PRIORITY PUT ON REPLACEMENT OF RAW WATER FIRE PROT  
ACTION PIPING ALL UNITS REACTOR BLDGS NOT ADEQUATE  
LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN  
LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO  
CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 10/23/86  
REPORT SUBMITTED:  
REPORT ISSUED:  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 12/18/86  
CONCERN CLOSED:

KEYWORDS  
A:  
D: FIRE PROTECTION  
B:  
E:  
C: PIPING  
F:

----- CONCERN -----

LEVEL OF PRIORITY PUT ON REPLACEMENT OF RAW WATER FIRE PROTECTION PIPING IN ALL UNITS REACTOR BLDGS NOT ADEQUATE TO ASSURE SAFE OPERATION OF PLANT.

----- FINDING SUMMARY -----

TESTS HAVE BEEN CONDUCTED WHICH CONCLUDE BFN IS NOT IN A SAFE CONDITION DUE TO PINHOLE LEAKS IN HPFP PIPING CAUSED BY MIC.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JNL  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 11/24/86  
INVESTIGATION COMPLETED: 12/12/86  
QA VERIFICATION:

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 2  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-A54-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30600 FIRE PROTECTION  
SUBJECT: PRIORITY PUT ON REPLACEMENT OF RAW WATER FIRE PROT  
ACTION PIPING ALL UNITS REACTOR BLDGS NOT ADEQUATE

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

THE CONCERN IS NOT SUBSTANTIATED. PIPE SECTIONS WITH EXISTING PIPE CLAS-  
MPS WILL BE REPLACED PRIOR TO UNIT 2 STARTUP.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:  
HARDWARE REPAIR:  
PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:  
DISCIPLINARY ACTION:  
ADDITIONAL TRAINING:  
OTHER:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 4  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-A54-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30600 FIRE PROTECTION  
SUBJECT: PRIORITY PUT ON REPLACEMENT OF RAW WATER FIRE PROT  
ECTION PIPING ALL UNITS REACTOR BLDGS NOT ADEQUATE

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 12/29/86

STATUS: ASSIGNED TO JNL 10/23. INVESTIGATION BEGUN 11/24. COMPLETED 12/12. DRA  
FTED 12/15. UPDATE TO CI 12/18.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 6  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-A55-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70200 WORK RULES  
SUBJECT: MIXED CREW CONCEPT LACKS TRAINED PERSONNEL AND CAU  
SES EMPLOYEES TO STAY IN RADIATION AREA LONGER THA  
LAST UPDATE: 11/26/86

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 10/08/86  
REPORT SUBMITTED:  
REPORT ISSUED:  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: TRAINING B: C:  
D: RADIATION PROTECTN E: F:

----- CONCERN -----

BECAUSE OF MIXED CREW CONCEPT CI BELIEVES LACK OF TRAINED CRAFT PERSON  
NEL CAUSES EMPLOYEES TO STAY IN RADIATION AREAS LONGER THAN NECESSARY  
AND CREATES WORK INEFFICIENCY.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/12/87  
INVESTIGATION BEGUN:  
INVESTIGATION COMPLETED:  
QA VERIFICATION:

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 7  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-6-BF-A55-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70200 WORK RULES  
SUBJECT: MIXED CREW CONCEPT LACKS TRAINED PERSONNEL AND CAU  
SES EMPLOYEES TO STAY IN RADIATION AREA LONGER THA

LAST UPDATE: 11/26/86

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 9  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-A55-01 LAST UPDATE: 11/26/86  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70200 WORK RULES  
SUBJECT: MIXED CREW CONCEPT LACKS TRAINED PERSONNEL AND CAU  
SES EMPLOYEES TO STAY IN RADIATION AREA LONGER THA

----- KEY MILESTONES -----

DATE: 11/20/86  
STATUS:  
TRANSMITTED TO NMRG ON 11-20-86 FOR EVALUATION



CPN100J  
SSS-RMM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 11  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B23-01 LAST UPDATE: 01/12/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 31102 RADIOACTIVE MATERIAL CONTROL  
SUBJECT: FANS IN C-ZONES. BROUGHT IN AFTER RWP WRITTEN AND  
MAY CONTAMINATE AREA WITH AIRBORNE ACTIVITY.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 10/20/86 LINE RESPONSE:  
REPORT SUBMITTED: REFERRED TO IG:  
REPORT ISSUED: LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: HEALTH PHYSICS B: C:  
D: RADIATION PROTECTN E: F:

----- CONCERN -----

IN SOME C-ZONES FANS BEING USED. THIS COULD LEAD TO AREA BECOMING CONTAMINATED WITH AIRBORNE ACTIVITY. BROUGHT IN AFTER RWP WRITTEN AND CONTAMINATION MAY OCCUR WITHOUT RWP REQUIRING RESPIRATOR

----- FINDING SUMMARY -----

FANS ARE PERMITTED BY RADCON TO ALLEVIATE WORKER STRESS IN HOT AREAS WHEN AIRBORNE RADIOACTIVITY IS AT EXTREMELY LOW LEVELS.

----- LOCATION INVESTIGATION -----

NO LOCATION RECORDS FOUND

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 12  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B23-01 LAST UPDATE: 01/12/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 31102 RADIOACTIVE MATERIAL CONTROL  
SUBJECT: FANS IN C-ZONES. BROUGHT IN AFTER RWP WRITTEN AND  
MAY CONTAMINATE AREA WITH AIRBORNE ACTIVITY.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN IS NOT SUBSTANTIATED BECAUSE WHEN FANS ARE PERMITTED THERE IS  
NO IMMINENT DANGER OF AIRBORNE RADIOACTIVITY.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:  
HARDWARE REPAIR:  
PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:  
DISCIPLINARY ACTION:  
ADDITIONAL TRAINING:  
OTHER:

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 14  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B23-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 31102 RADIOACTIVE MATERIAL CONTROL  
SUBJECT: FANS IN C-ZONES. BROUGHT IN AFTER RWP WRITTEN AND  
MAY CONTAMINATE AREA WITH AIRBORNE ACTIVITY.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 12/31/86

STATUS: INVESTIGATION ASSIGNED JNL. STARTED 12/3 AND COMPLETED 12/17. DRAFTED  
12/29/86. CONCERN IS NOT SUBSTANTIATED.

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 16  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B50-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUB-CATEGORY: 71300 MEDICAL  
SUBJECT: DENIAL OF ACCESS

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 10/31/86  
REPORT SUBMITTED: 12/16/86  
REPORT ISSUED: 12/29/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 12/29/86  
CONCERN CLOSED: 12/31/86

KEYWORDS

A: PERSONNEL FEELINGS B: MEDICAL  
D: SECURITY E:

C:  
F:

----- CONCERN -----

CI WAS UNFAIRLY DENIED ACCESS TO VITAL PLANT AREAS BY PSYCHOLOGICAL EVALUATION BECAUSE HE HAD 4 DUI'S IN 4 YEARS.

----- FINDING SUMMARY -----

CI WAS TREATED FAIRLY, ETHICALLY & REASONABLY. DENIAL OF S-1 CLEARANCE WAS REASONABLE.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JNL  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 11/04/86  
INVESTIGATION COMPLETED: 11/21/86  
QA VERIFICATION:

THE CONCERN IS NOT SUBSTANTIATED. PROCEDURES FOR DENYING MEDICAL APPROVAL AND UNESCORTED ACCESS WERE

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 17  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B50-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71300 MEDICAL  
SUBJECT: DENIAL OF ACCESS

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
THE CONCERN IS NOT SUBSTANTIATED. PROCEDURES FOR DENYING MEDICAL APPROVAL AND UNESCORTED ACCESS WERE CLEARLY FOLLOWED.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:  
HARDWARE REPAIR:  
PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:  
DISCIPLINARY ACTION:  
ADDITIONAL TRAINING:  
OTHER:

CPN100J  
SSS-RMM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 19  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B50-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71300 MEDICAL  
SUBJECT: DENIAL OF ACCESS

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 12/29/86

STATUS:  
ASSIGNED JNL 11/13. INVESTIGATION STARTED 11/3 & COMPLETED 11/21. DRAFTED 11/21. CONCERN NOT SUBSTANTIATED. FINAL 12/16. LAST UPDATE W/CI 12/29. SENT TO LINE 12/29.

DATE: 12/31/86

STATUS:  
CLOSED BY INTERVIEW WITH CI AND NOTE TO FILE.



TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 21  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B56-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71700 MGT. QLT.  
SUBJECT: TVA MANAGERS

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: RG NRC

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: YES  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 10/31/86  
REPORT SUBMITTED: 11/26/86  
REPORT ISSUED: 12/08/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 12/08/86

KEYWORDS

A: SCHEDULE  
D:

B: MANAGEMENT  
E:

C:  
F:

----- CONCERN -----

AS OF JUNE, 1986, THERE WAS NO DIRECTION, NO PLANS, NO SCHEDULES, NO TRUST AND NO CONFIDENCE IN TVA MANAGERS & NUMEROUS CONTRACTORS WITH NO DIRECTION, NO PLANS, & NO SCHEDULES, ETC.

----- FINDING SUMMARY -----

ANONYMOUS NRC ALLEGATION TOO GENERAL TO INVESTIGATE.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JNL  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 11/18/86  
INVESTIGATION COMPLETED: 11/24/86  
QA VERIFICATION:

WITH RECEIPT OF TYPED COPY OF LETTER TO NRC, CONCERN WAS DOCUMENTED WITHOUT FURTHER ACTION JUSTIFIABLE

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 22  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B56-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71700 MGT. QLTY.  
SUBJECT: TVA MANAGERS

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:  
HARDWARE REPAIR:  
PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:  
DISCIPLINARY ACTION:  
ADDITIONAL TRAINING:  
OTHER:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 24  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B56-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71700 MGT. QLTY.  
SUBJECT: TVA MANAGERS

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 12/01/86

STATUS:  
NO INVESTIGATION. RECEIVED LETTER FROM NRC. WHILE SEVERAL TVA OFFICIAL  
S MENTIONED BY NAME, CONCERN WAS TOO NON-SPECIFIC AND TOO GENERAL TO I  
NVESTIGATE. REPORT TO ERS 11/26. SENT TO LINE & CLOSED W/FILE NOTE 12/  
8/86.

DATE: 12/08/86

STATUS:  
NO INVESTIGATION. RECEIVED LETTER FROM NRC. WHILE SEVERAL TVA OFFICIAL  
S MENTIONED BY NAME CONCERN WAS TOO NON-SPECIFIC AND TOO GENERAL TO IN  
VESTIGATE. REPORT TO ERS 11/26. SENT TO LINE & CLOSED W/FILE NOTE 12/0  
8/86.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 26  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B57-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL  
SUBJECT: COMPOSITE CREWS AND QUALIFICATION OF MAINTENANCE PERSONNEL

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: RG NRC

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED:  
CORRECTIVE ACTION:  
CONFIDENTIAL: YES  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY      BF:      BL:      SQ:      WB:      CH:      KX:

KEY DATES  
RECEIVED: 10/31/86  
REPORT SUBMITTED:  
REPORT ISSUED:  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: CLASSIFICATION      B: PERSONNEL FEELINGS      C:  
D:      E:      F:

----- CONCERN -----

THE ALLEGER WANTS TO GO ON RECORD AS OPPOSING THE MIXED CREW CONCEPT. HE ALSO STATED THAT MAINTENANCE PERSONNEL HAVE BEEN PERFORMING FOR WHI CH THEY ARE NOT QUALIFIED. THIS PRACTICE COULD LEAD TO A MAJOR PROBLE M WITH SAFETY OF PERSONNEL AND EQUIP.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR:  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE:  
INVESTIGATION BEGUN:  
INVESTIGATION COMPLETED:  
QA VERIFICATION:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 27  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B57-01  
CATEGORY: MP MGT & PERS. ISSUES  
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL  
SUBJECT: COMPOSITE CREWS AND QUALIFICATION OF MAINTENANCE P  
PERSONNEL

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 29  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B57-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL  
SUBJECT: COMPOSITE CREWS AND QUALIFICATION OF MAINTENANCE PERSONNEL  
LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: / /  
STATUS:

DATE: 10/31/86  
STATUS: NO INVESTIGATION BEGUN. CONCERN SAME AS NRC ALLEGATION E-86-BF-418-01  
AND CONCERN E-86-BF-A55-01

DATE: 01/13/87  
STATUS: MMRG TO PERFORM REVIEW. WILL AWAIT THAT REVIEW BEFORE THIS CONCERN DIS  
POSITION.



TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 31  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B73-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71800 EMPLOYMENT  
SUBJECT: TERMINATED UNJUSTLY/UNFAIRLY WHILE ON PROBATION  
LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN  
LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO  
CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 11/07/86  
REPORT SUBMITTED: 11/20/86  
REPORT ISSUED: 11/26/86  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 11/19/86  
CONCERN CLOSED: 11/28/86

KEYWORDS  
A: B: C:  
D: TERMINATIONS E: F:

----- CONCERN -----

CI WAS TERMINATED UNJUSTLY AND UNFAIRLY WHILE ON PROBATIONARY PERIOD A  
S WORD/PROCESSOR, SB-3

----- FINDING SUMMARY -----

NONE. CONCERN WAS RESOLVED TO SATISFACTION OF CI BY INVESTIGATION

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JNL  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 11/10/86  
INVESTIGATION COMPLETED: 11/19/86  
QA VERIFICATION:

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 32  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B73-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71800 EMPLOYMENT  
SUBJECT: TERMINATED UNJUSTLY/UNFAIRLY WHILE ON PROBATION

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 34  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B73-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71800 EMPLOYMENT  
SUBJECT: TERMINATED UNJUSTLY/UNFAIRLY WHILE ON PROBATION

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 11/28/86  
STATUS:

ASSIGNED TO JNL & BEGUN 11/10. INVESTIGATION CONCLUDED WHEN CI WAS PER  
MITTED TO RESIGN IN RESOLUTION OF COMPLAINT. REPORT TO ERS 11/20 & TRA  
NSMITTED TO LINE 11/26. CLOSED W/FILE NOTE 11/28/86.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 36  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B74-01 LAST UPDATE: 01/13/87  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 72000 PERS. RECORDS  
SUBJECT: OVERTURNING MAS PERFORMANCE RATING BY HIGHER LEVEL  
SUPERVISION WITHOUT BASIS AFTER ESTABLISHMENT.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: WI WALK-IN

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 11/07/86 LINE RESPONSE:  
REPORT SUBMITTED: REFERRED TO IG:  
REPORT ISSUED: LAST-CI UPDATED: 12/22/86  
CONCERN CLOSED:

KEYWORDS  
A: MANAGEMENT B:  
D: E: C:  
F:

----- CONCERN -----

CI FEELS IT IS IMPROPER FOR MGMT TO OVERTURN A MGR'S PERFORMANCE RATING BY HIGHER LEVEL SUPERVISION WITHOUT PROPER BASIS AFTER ESTABLISHMENT OF RATING BY THE IMMEDIATE SUPERVISOR.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE: 01/13/87  
INVESTIGATOR: JNL INVESTIGATION BEGUN:  
INVESTIGATION NO: INVESTIGATION COMPLETED:  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 37  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B74-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 72000 PERS. RECORDS  
SUBJECT: OVERTURNING MAS PERFORMANCE RATING BY HIGHER LEVEL  
SUPERVISION WITHOUT BASIS AFTER ESTABLISHMENT.

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 39  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B74-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 72000 PERS. RECORDS  
SUBJECT: OVERTURNING MAS PERFORMANCE RATING BY HIGHER LEVEL  
SUPERVISION WITHOUT BASIS AFTER ESTABLISHMENT.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 12/22/86

STATUS: ASSIGNED JNL 11/24. INVESTIGATION SUSPENDED SINCE CI'S MAS CHANGED TO  
ORIGINAL RATING. UPDATE W/CI 12/22.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 41  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B83-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30700 NUC PR SITE PROGRAMS/PROCEDURES  
SUBJECT: METHODS OF INSTALLING/MAINTAINING SYSTEM PIPING AND SUPPORT

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: JNL

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED:  
CORRECTIVE ACTION:

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 11/14/86  
REPORT SUBMITTED:  
REPORT ISSUED:

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: INSTALLATION  
D: SUPPORTS

B: MAINTENANCE  
E:

C: PIPING  
F:

----- CONCERN -----

WAS THE CO2 SYSTEM PERFORMANCE TESTED SINCE SCREWED FITTINGS ARE USED AND THEY DON'T HOLD PROOF LOAD. MISAPPLICATION OF U BOLTS IN CO2 SYSTEM. LACK OF PROJECTION FOR BOLTS SECURING MAINSTREAM BY-PASS VALVES. NO PROGRAM TO ENSURE REPAIRED EQUIP IS AS ORIGINAL.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR:  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN:  
INVESTIGATION COMPLETED:  
QA VERIFICATION:



CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 42  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-B83-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30700 NUC PR SITE PROGRAMS/PROCEDURES  
SUBJECT: METHODS OF INSTALLING/MAINTAINING SYSTEM PIPING AND SUPPORT

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

----- KEY MILESTONES -----

NO STATUS RECORDS FOUND

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 44  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C05-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 72100 VETERANS  
SUBJECT: LABORER FORMAN SELECTION

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: RF REFERRAL

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: YES  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: HB: CH: KX:

KEY DATES  
RECEIVED: 11/20/86  
REPORT SUBMITTED: 12/19/86  
REPORT ISSUED:

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: PERSONNEL FEELINGS B:  
D: FOREMAN E: C:  
F:

----- CONCERN -----

ANAOYMUS LETTER SENT TO CHAIRMAN DEAN, REFERRED TO BFN ECP BY EKS. CI  
IS CONCERNED ABOUT LABORER FOREMAN SELECTION OF NON-VETERAN FEMALE, A  
S WELL AS OTHER ISSUES WHICH ARE TOO VAGUE & GENERAL TO INVESTIGATE.

----- FINDING SUMMARY -----

NEITHER VETERAN STATUS NOR SENIORITY MUST BE CONSIDERED WHEN MAKING FO  
REMAN SELECTIONS. FEMALE NON-VETERAN FOREMEN ARE WELL-QUALIFIED FOR PO  
SITIONS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JNL  
INVESTIGATION NO:  
PRIORITY: R CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 11/24/86  
INVESTIGATION COMPLETED: 12/08/86  
QA VERIFICATION:

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 45  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C05-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 72100 VETERANS  
SUBJECT: LABORER FORMAN SELECTION

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

THE CONCERN IS NOT SUBSTANTIATED. FEMALE FOREMEN WERE JUDGED TO HAVE SUPERIOR QUALIFICATIONS FOR THEIR POSITIONS PROPERLY.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:

HARDWARE REPAIR:

PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:

DISCIPLINARY ACTION:

ADDITIONAL TRAINING:

OTHER:

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 47  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C05-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 72100 VETERANS  
SUBJECT: LABORER FORMAN SELECTION

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 12/19/86

STATUS:  
ASSIGNED JNL 11/21. INVESTIGATION STARTED 11/24 & COMPLETED 12/5. REPO  
RT SUBMITTED TO EKS 12/19/86.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 49  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C29-01  
CATEGORY: WE NON QA/QC WELDING  
SUBCATEGORY: 50101 IMPROPER WELDER CERTIFICATION  
SUBJECT: IMPROPER CERTIFICATION OF WELDER

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: CRE

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE:  
SUBSTANTIATED:  
CORRECTIVE ACTION:

CONFIDENTIAL: NO  
STOP WORK:  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 11/26/86  
REPORT SUBMITTED:  
REPORT ISSUED:

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS

A: QUALIFICATION  
D: WELDERS

B:  
E:

C:  
F:

----- CONCERN -----

EMPLOYEE ALLEGED THAT A WELDER HAD BEEN IMPROPERLY QUALIFIED BY THE WE  
LD TEST SUPERVISOR AT BFN.

----- FINDING SUMMARY -----

THE INVESTIGATION FAILED TO IDENTIFY ANY INDICATIONS OF IMPROPER QUALI  
FICATION OF WELDERS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: CRE  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 12/08/86  
INVESTIGATION COMPLETED: 12/10/86  
QA VERIFICATION:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 50  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C29-01  
CATEGORY: WE NON QA/QC WELDING  
SUBCATEGORY: 50101 IMPROPER WELDER CERTIFICATION  
SUBJECT: IMPROPER CERTIFICATION OF WELDER

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 52  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C29-01  
CATEGORY: WE NON QA/QC WELDING  
SUBCATEGORY: 50101 IMPROPER WELDER CERTIFICATION  
SUBJECT: IMPROPER CERTIFICATION OF WELDER

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 01/05/87  
STATUS:

ASSIGNED TO CRE. INVESTIGATION STARTED ON 12/08/86 AND COMPLETED ON 12/10/86. REPORT BEING DRAFTED.



TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 54  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C54-01  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60400 MISCONDUCT  
SUBJECT: INTIMIDATION OVER FILING GRIEVANCE

LAST UPDATE: 01/26/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: WI WALK-IN

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: NO (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED:  
CORRECTIVE ACTION:

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 12/05/86  
REPORT SUBMITTED:  
REPORT ISSUED:

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 01/07/87  
CONCERN CLOSED:

KEYWORDS

A: HARASSMENT  
D:

B: GRIEVANCE  
E:

C:  
F:

----- CONCERN -----

CI ALLEGES THAT BECAUSE HE FILED A GRIEVANCE OVER AN IMPROPER UNAPPROVED ABSENCE THAT MANAGEMENT THREATENED TO CHANGE UNAPPROVED ABSENCE TO WORK STOPPAGE AND TAKE MORE SEVERE DISCIPLINE.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JNL  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/26/87  
INVESTIGATION BEGUN: 01/01/87  
INVESTIGATION COMPLETED: 01/09/87  
QA VERIFICATION:

ECPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 55  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C54-01  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60400 MISCONDUCT  
SUBJECT: INTIMIDATION OVER FILING GRIEVANCE

LAST UPDATE: 01/26/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 57  
TIME 15.55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C54-01  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60400 MISCONDUCT  
SUBJECT: INTIMIDATION OVER FILING GRIEVANCE

LAST UPDATE: 01/26/87

----- KEY MILESTONES -----

DATE: 01/07/87

STATUS:  
CONCERN ORIGINALLY HANDLED AS OPEN FILE. PRELIMINARY INVESTIGATION INDICATED THAT THERE WAS NO INTIMIDATION. BECAUSE OF CI'S DISAGREEMENT WITH PRELIMINARY INVESTIGATION & CONTACTS OUTSIDE ECPS, THIS WAS ELEVATED TO CONCERN FOR FORMAL INVESTIGATION 1/

DATE: 01/14/87

STATUS:  
ORIGINALLY, OPEN FILE. PRELIMINARY INDICATION WAS NO INTIMIDATIONIMPLIED. BECAUSE OF CI'S DISAGREEMENT W/THIS & CONTACTS OUTSIDE ECP, ELEVATED TO CONCERN 1/7/87.

DATE: 01/26/87

STATUS:  
JNL ASSIGNED 1/7. CI ASKED TO DROP ISSUES 1/9. INVESTIGATION COMPLETED W/THIS REQUEST. DRAFT TO EKS 1/14/87.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 59  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C64-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: TRAINING OF CONTRACT EMPLOYEES (PROMATEC)

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED:  
CORRECTIVE ACTION:

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 12/12/86  
REPORT SUBMITTED:  
REPORT ISSUED:  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 12/12/86  
CONCERN CLOSED:

KEYWORDS  
A: CONTRACTOR  
D:  
B: TRAINING  
E:

C:  
F:

----- CONCERN -----

THE CI IS CONCERNED ABOUT THE LACK OF TRAINING OF NEW EMPLOYEES FOR PR  
OMATEC, THE CONTRACTOR DOING PENETRATION SEALS. THE CI DOES NOT QUESTI  
ON THE QUALITY OF WORK BEING DONE. PROMATEC, TVA AND THE EMPLOYEES WOU  
LD BENEFIT FROM THE TRAINING.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR:  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN:  
INVESTIGATION COMPLETED:  
QA VERIFICATION:

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 60  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C64-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: TRAINING OF CONTRACT EMPLOYEES (PROMATEC)

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

----- KEY MILESTONES -----

NO STATUS RECORDS FOUND

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 62  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C67-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30105 QUESTIONABLE DESIGN/CONSTRUCTION PRACTICE  
SUBJECT: HPCI PIPE SUPPORT  
LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: CRE

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: CONFIDENTIAL: NO  
SUBSTANTIATED: STOP WORK:  
CORRECTIVE ACTION: DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 12/12/86  
REPORT SUBMITTED:  
REPORT ISSUED:  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: DESIGN RELATED B:  
D: SUPPORTS E: C:  
F:

----- CONCERN -----

HPCI PIPE ANCHOR SUPPORT HAS DISTORTED MEMBER.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR:  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN:  
INVESTIGATION COMPLETED:  
QA VERIFICATION:

ECPN100J  
SSS-RMM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 63  
TIME 15:55:48  
DATE 02/06/87

LAST UPDATE: 01/12/87

CONCERN NO: ECP-86-BF-C67-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30105 QUESTIONABLE DESIGN/CONSTRUCTION PRACTICE  
SUBJECT: HPCI PIPE SUPPORT

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND



ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 65  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-C67-01 LAST UPDATE: 01/12/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30105 QUESTIONABLE DESIGN/CONSTRUCTION PRACTICE  
SUBJECT: HPCI PIPE SUPPORT

----- KEY MILESTONES -----

DATE: 01/05/87  
STATUS:  
NO INVESTIGATION BEGUN. ASSIGNED TO CRE.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 67  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-069-01  
CATEGORY: QA QA  
SUBCATEGORY: 80302 QUALIFICATIONS BEING QUESTIONED  
SUBJECT: TRAINING AND CERTIFICATION OF QUALITY CONTROL INSPECTORS.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: YES  
CONFIDENTIAL: YES  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/04/86  
REPORT SUBMITTED: 07/11/86  
REPORT ISSUED: 07/15/86  
LINE RESPONSE: 08/08/86  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 08/20/86

KEYWORDS  
A: QUALIFICATION  
D: INSPECTORS  
B:  
E:  
C:  
F:

----- CONCERN -----

QC SUPVS. FALSIFYING QC TRAINING RECORDS TO GET SOME INSPECTORS CERTIFIED.

----- FINDING SUMMARY -----

INDICATIONS ARE THAT WAIVERS ARE GIVEN QUITE LIBERALLY, WITH NO EVIDENCE OF PRIOR EXPERIENCE TO JUSTIFY WAIVERS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/12/87  
INVESTIGATION BEGUN: 02/06/86  
INVESTIGATION COMPLETED: 06/30/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 68  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-069-01  
CATEGORY: QA QA  
SUBCATEGORY: 80302 QUALIFICATIONS BEING QUESTIONED  
SUBJECT: TRAINING AND CERTIFICATION OF QUALITY CONTROL INSP  
ECTORS.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

EVIDENCE OF PRIOR EXPERIENCE TO JUSTIFY WAIVERS NOT AVAILABLE IN MANY  
CASES. QUALIFICATION OF NUCLEAR QC INSPECTORS SHOULD BE UNQUESTIONABLE  
AND ANY WAIVERS SHALL PROVIDE DOCUMENTED JUSTIFICATION.

RECOMMENDED CORRECTIVE ACTION:

REVIEW ALL WAIVERS TO DETERMINE PREVIOUS EXPERIENCE TO SUPPORT WAIVER  
AND ENSURE ADEQUATE DOCUMENTATION TO JUSTIFY WAIVING QUALIFICATION PER  
IOD. QA/QC ATTEND FORMAL TRAINING SESSION ON THIS. PROVIDE INFO SESSIO  
N TO INSPECTORS TO DISCUSS WAIVERS.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: NO  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: NO  
DISCIPLINARY ACTION: NO  
ADDITIONAL TRAINING: YES  
OTHER: NO

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 70  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-069-01  
CATEGORY: QA QA  
SUBCATEGORY: 80302 QUALIFICATIONS BEING QUESTIONED  
SUBJECT: TRAINING AND CERTIFICATION OF QUALITY CONTROL INSP  
ECTORS.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 07/15/86  
STATUS:  
REPORT TO LINE MGMT

DATE: 08/15/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE - CONCERN SUBSTANTIATED. INVESTIGATION REPORT T  
O LINE ON 07/15/86. LINE RESPONSE ACCEPTABLE - CONCERN CLOSED WITH NOT  
E TO FILE SINCE CONCERN WAS ANONYMOUS.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 72  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-071-01 LAST UPDATE: 01/12/87  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71700 MGT. QLTY.  
SUBJECT: MECHANICAL MODIFICATIONS SUPERVISOR SELECTED NOT Q  
UALIFIED AND PRESENTS CONFLICT OF INTEREST.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: YES  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: YES

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 01/30/86 LINE RESPONSE: 09/30/86  
REPORT SUBMITTED: 09/04/86 REFERRED TO IG:  
REPORT ISSUED: 09/04/86 LAST-CI UPDATED:  
CONCERN CLOSED: 10/21/86

KEYWORDS  
A: MANAGEMENT B: QUALIFICATION C:  
D: E: F:

----- CONCERN -----

ANONYMOUS CONCERN ON THE SELECTION OF THE MECHANICAL MODIFICATIONS SUPERVISOR. CONCERN IS THAT THE INDIVIDUAL IS NOT QUALIFIED AND PRESENTS A CONFLICT OF INTEREST.

----- FINDING SUMMARY -----

SUPERVISOR IN QUESTION HAS ADEQUATE EXPERIENCE IN SUPERVISION OF FIELD ENGINEERS TO WARRANT HIS PLACEMENT IN THAT POSITION. SHOULD ONLY BE ALLOWED TO TECHNICALLY DIRECT WORK TVA EMPLOYEES, NOT ADMINISTRATIVELY SUPERVISE THEM.

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE: 01/12/87  
INVESTIGATOR: INVESTIGATION BEGUN: 02/01/86  
INVESTIGATION NO: TFN INVESTIGATION COMPLETED: 07/16/86  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 73  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-071-01 LAST UPDATE: 01/12/87  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71700 MGT. QLT.  
SUBJECT: MECHANICAL MODIFICATIONS SUPERVISOR SELECTED NOT Q  
UALIFIED AND PRESENTS CONFLICT OF INTEREST.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
EVEN THOUGH THE SUPERVISOR IN QUESTION HAS THE EXPERIENCE IN SUPERVISORY FUNCTIONS, IT IS UNAPPROPRIATE THAT HE TAKE THAT RESPONSIBILITY SINCE HE WOULD BE IN A POSITION TO MAKE DECISIONS AFFECTING TVA EMPLOYEES EMPLOYMENT.

RECOMMENDED CORRECTIVE ACTION:  
ENSURE ONLY PROVIDING TECH. DIRECTION TO TVA EMPLOYEES OR SEE HE IS PLACED ON AN APPROPRIATE LOAN AGREEMENT CONTRACT. DETERMINE & DEMONSTRATE HE HAS NOT BEEN INVOLVED IN HIRING/RECOMMENDING FOR HIRE BECTEL EMPLOYEES WHILE SERVING AS SUPERVISOR.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION	INFORMATION PROGRAM ACTIVITIES:
HARDWARE MODIFICATION:	DISCIPLINARY ACTION:
HARDWARE REPAIR:	ADDITIONAL TRAINING:
PROCEDURE CHANGE:	OTHER:

YES

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 75  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-071-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71700 MGT. QLTY.  
SUBJECT: MECHANICAL MODIFICATIONS SUPERVISOR SELECTED NOT Q  
UALIFIED AND PRESENTS CONFLICT OF INTEREST.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/04/86  
STATUS:  
REPORT TO LINE MGMT.

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. RECEIVED FINAL INDICATION OF THE EVALUATION OF  
THE QUALIFICATIONS OF THE SUPVR. FROM BOB MCLEROY ON 07/29/86. FINAL  
REPORT SENT TO EKS ON 08/19/86. REPORT TO LINE ON 09/04/86 - AWAITING  
LINE RESPONSE.

DATE: 10/09/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE.



TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 77  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-074-01  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60400 MISCONDUCT  
SUBJECT: FEELS HARASSED AFTER EXPRESSING CONCERN TO MGM; AN  
D THEN OPERATIONS GROUP CHANGED

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: NO (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 02/10/86  
REPORT SUBMITTED: 04/11/86  
REPORT ISSUED: 04/17/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 04/11/86

KEYWORDS

A: HARASSMENT  
D:

B:  
E:

C:  
F:

----- CONCERN -----

CI FEELS THAT DUE TO HIM HAVING COME FORWARD WITH A CONCERN THAT HE HAS BEEN SINGLED OUT AND HARASSED BY BEING CHANGED FROM HIS ORIGINAL GROUP TO ANOTHER ONE.

----- FINDING SUMMARY -----

AT TIME OF CONCERN CI AWAITING DISPOSITION OF REQUEST MADE TO SEN. JER EMIAH DENTON. CI RECEIVED LETTER FROM BFN MGR ACKNOWLEDGING ORIGINAL ISSUES AND PROVIDING DISPOSITION OF THEM. CI DISCUSSED ISSUES WITH MGMT. CI FEELS INDIVIDUALS WITHIN PLANT WON.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 02/10/86  
INVESTIGATION COMPLETED: 03/13/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 78  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-074-01  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60400 MISCONDUCT  
SUBJECT: FEELS HARASSED AFTER EXPRESSING CONCERN TO MGMT AN  
D THEN OPERATIONS GROUP CHANGED

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
NONE DRAWN AS CI NO LONGER INTERESTED IN PURSUING THIS CONCERN.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:  
HARDWARE REPAIR:  
PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:  
DISCIPLINARY ACTION:  
ADDITIONAL TRAINING:  
OTHER:

NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 80  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-074-01  
CATEGORY: IH INTIMIDTNS&HARR/SMNT  
SUBCATEGORY: 60400 MISCONDUCT  
SUBJECT: FEELS HARASSED AFTER EXPRESSING CONCERN TO MGMT AN  
D THEN OPERATIONS GROUP CHANGED

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 02/21/86

STATUS:  
LETTER FROM BFN PLANT MANAGER TO CI STATING THAT STAFF CHANGES IN THE  
OPERATIONS GROUP ASSIGNMENTS WERE MADE TO BETTER EQUALIZE SHIFT STAFFI  
NG.

DATE: 02/28/86

STATUS:  
LETTER FROM BFN PLANT MANAGER TO CI STATING THAT STAFF CHANGES IN THE  
OPERATIONS GROUP ASSIGNMENTS WERE MADE TO BETTER EQUALIZE SHIFT STAFFI  
NG.

DATE: 04/17/86

STATUS:  
REPORT TO LINE MGMT

DATE: 09/26/86

STATUS:  
INVESTIGATION COMPLETE. NO SUBSTANTIATION. CLOSURE INTERVIEW WITH THE  
CI ON 04/11/86 AND INVESTIGATION REPORT DOCUMENTING HIS 'NO CONCERN' S  
TATUS APPROVED BY EKS ON 04/17/86.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 82  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-077-01  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60200 HARRASMENT-OTHER  
SUBJECT: EMPLOYEE THREAT (INTIMIDATION) DUE TO EXPRESSION O  
F ISSUES TO SUPERVISION.

LAST UPDATE: 01/12/87

SITE-Rep:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: WI WALK-IN

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: YES (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: YES  
CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/11/86  
REPORT SUBMITTED: 02/26/86  
REPORT ISSUED: 03/03/86  
LINE RESPONSE: 03/24/86  
REFERRED TO IG: 03/27/86  
LAST-CI UPDATED: 03/27/86  
CONCERN CLOSED: 03/27/86

KEYWORDS  
A: HARRASMENT  
D: FOREMAN  
B:  
E:  
C:  
F:

----- CONCERN -----

CONCERNED INDIVIDUAL BELIEVES HE HAS BEEN SUBJECTED TO A THREAT (INTIMIDATION) BY HIS FOREMAN TO THE EFFECT HE WAS GOING TO BE RUN OFF IF HE DIDN'T STOP HAVING ALL THESE CONCERNS.

----- FINDING SUMMARY -----

FOREMAN MADE STATEMENTS AT TWO DIFFERENT TIMES & LOCATIONS TO EMPLOYEE S OTHER THAN CI THAT THEY WERE GOING TO LOSE THEIR JOB.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE:  
INVESTIGATION: BEGUN: 02/18/86  
INVESTIGATION COMPLETED: 02/19/86  
QA VERIFICATION:

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE:  
INVESTIGATION BEGUN: 02/18/86  
INVESTIGATION COMPLETED: 02/19/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 83  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-077-01 LAST UPDATE: 01/12/87  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60200 HARASSMENT-OTHER  
SUBJECT: EMPLOYEE THREAT (INTIMIDATION) DUE TO EXPRESSION OF  
F ISSUES TO SUPERVISION.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
STATEMENTS WERE MADE BY CRAFT FOREMAN. ALL PARTIES INVOLVED AGREED STATEMENTS WERE INAPPROPRIATE AND SHOULD NOT HAVE BEEN SAID. EVENTS CONSTITUTED A DEGREE OF INTIMIDATION.

RECOMMENDED CORRECTIVE ACTION:  
THE CRAFT FOREMAN SHOULD BE APPROPRIATELY FORMALLY DISCIPLINED WITH REGARD TO THE CONCERN IN LINE WITH DISCIPLINARY ACTIONS TAKEN IN SIMILAR SITUATIONS ELSEWHERE.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION			
HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	YES
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:  
THE CI SHOULD BE COUNSELED BY HIS MGMT TO BE ASSURED THAT THERE WAS/IS NO INTENT WITH REGARD TO THE STATEMENTS MADE, AND ALL INDIVIDUALS SHOULD BE COUNSELED ON OBLIGATIONS/RESPONSIBILITIES IN CREATING A CONDUCTIVE WORKING ENVIRONMENT.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION			
HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	YES
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 85  
TIME 15:55:48  
DATE 02/06/87

LAST UPDATE: 01/12/87

CONCERN NO: ECP-86-BF-077-01  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60200 HARASSMENT-OTHER  
SUBJECT: EMPLOYEE THREAT (INTIMIDATION) DUE TO EXPRESSION O  
F ISSUES TO SUPERVISION.

----- KEY MILESTONES -----

DATE: 03/03/86  
STATUS:  
REPORT TO LINE MGMT

DATE: 03/27/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. FINAL DISCUSSION OF INV  
ESTIGATION RESULTS AND LINE ACTION WITH CI ON 03/27/86.

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 87  
TIME 15:55:43  
DATE 02/06/87

CONCERN NO: ECP-86-BF-077-02  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60200 HARASSMENT-OTHER  
SUBJECT: EMPLOYEE INTIMIDATION AND HARASSMENT.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: WI WALK-IN

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: YES (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY      BF:      BL:      SQ:      WB:      CH:      KX:

KEY DATES

RECEIVED: 02/11/86  
REPORT SUBMITTED: 03/17/86  
REPORT ISSUED: 03/21/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 03/27/86  
CONCERN CLOSED: 03/27/86

KEYWORDS

A: HARASSMENT  
D: GENERAL FOREMAN

B:  
E:

C:  
F:

----- CONCERN -----

CONCERNED INDIVIDUAL BELIEVES HE HAS BEEN HARASSED BY HIS GENERAL FOREMAN IN RETALIATION/REACTION TO QUESTIONS AND EXPRESSIONS OF SUPERVISOR'S DECISIONS AND METHODS.

----- FINDING SUMMARY -----

THE GF METHODS ARE TO SPEND REASONABLE AMOUNT OF TIME IN FIELD WORK LOCATIONS. BELIEVES HIS RESPONSIBILITY TO CORRECT ANY MATTERS HE BELIEVES NEED ATTENTION IN FIELD & TELL FOREMAN LATER. BLUNT IN BELIEFS AND SOMEWHAT UNSYMPATHETIC TO EMPLOYEE GROUPS

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 02/27/86  
INVESTIGATION COMPLETED: 03/03/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 88  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-077-02  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60200 HARASSMENT-OTHER  
SUBJECT: EMPLOYEE INTIMIDATION AND HARASSMENT.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

THE INTENT OF ACTIONS TAKEN BY GF WERE NOT SHOWN TO BE TAKEN WITH PURP  
OSE TO INTERFERE WITH CI ABILITY TO PERFORM HIS JOB RESPONSIBILITES. N  
OT SUBSTANTIATED.

RECOMMENDED CORRECTIVE ACTION:

NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO



CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 90  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-077-02  
CATEGORY: IH INTIMIDTNS&HARRASMNT  
SUBCATEGORY: 60200 HARASSMENT-OTHER  
SUBJECT: EMPLOYEE INTIMIDATION AND HARASSMENT.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 03/21/86  
STATUS:  
REPORT TO LINE MGMT.

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. FINAL DISCUSSION OF  
INVESTIGATION RESULTS WITH CI ON 03/27/86.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 92  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-079-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: PROVISION OF WORK INSTRUCTIONS ON MAINTENANCE REQU  
ESTS PER BROWNS FERRY STANDARD PRACTICE BF7.6.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: YES

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF SPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED:	02/13/86	LINE RESPONSE:	06/09/86
REPORT SUBMITTED:	04/16/86	REFERRED TO IO:	
REPORT ISSUED:	04/25/86	LAST-CI UPDATED:	06/19/86
		CONCERN CLOSED:	06/19/86

KEYWORDS

A: QUALIFICATION  
D:

B:  
E:

C:  
F:

----- CONCERN -----

CI FEELS THAT MAINTENANCE PLANNERS ARE DESIGNATED BY STANDARD PRACTICE  
BF 7.6 TO BE THE ONLY PERSONS TO COMPLETE MR WORK INSTRUCTIONS AND FE  
ELS THEY ARE NOT QUALIFIED.

----- FINDING SUMMARY -----

IT WAS NOT THE INTENT FOR PLANNERS TO BE THE SOLE AUTHORS OF MR WORK I  
NSTRUCTIONS. MR COULD PROVIDE INSTRUCTIONS AND EMPLOYEES HAVING EXPERT  
ISE ARE NOT PRECLUDED INPUT.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 11/26/86  
INVESTIGATION BEGUN: 02/19/86  
INVESTIGATION COMPLETED: 03/23/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 93  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-079-01 LAST UPDATE: 01/12/87  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: PROVISION OF WORK INSTRUCTIONS ON MAINTENANCE REQU  
ESTS PER BROWNS FERRY STANDARD PRACTICE BF7.6.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN NOT SUBSTANTIATED. MOD. ENGINEERS FELT THEY WERE BEST QUALIFIED TO MODIFY MRS NOT CRAFT EMPLOYEES.

RECOMMENDED CORRECTIVE ACTION:  
PLANT MGMT SHOULD TAKE POSITIVE STEPS TO MITIGATE EXISTING MISCONCEPTION AND SITUATIONAL CONFLICT BETWEEN "PLANT SIDE" AND "MODIFICATIONS SIDE" WITH REGARD TO MR WORK INSTRUCTIONS, ETC.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	YES	ADDITIONAL TRAINING:	NO
		OTHER:	NO

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 95  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-079-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: PROVISION OF WORK INSTRUCTIONS ON MAINTENANCE REQUIREMENTS PER BROWNS FERRY STANDARD PRACTICE BF7.6.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 06/09/86  
STATUS: LINE MGMT RESPONSE

DATE: 06/19/86  
STATUS: SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS: INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. RESPONSE FORM LINE 06/09. FINAL DISCUSSION OF INVESTIGATION RESULTS WITH CI ON 06/19/86. LINE RESPONSE ACCEPTABLE. CONCERN CLOSED WITH A NOTE TO FILE ON 06/19/86.

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 97  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-082-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: LEGIBILITY OF FLOW AND MECHANICAL DRAWINGS.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: NO  
CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/14/86  
REPORT SUBMITTED: 03/17/86  
REPORT ISSUED: 03/20/86  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 03/28/86  
CONCERN CLOSED: 03/28/86

KEYWORDS  
A: DRAWINGS  
D: B:  
E: C:  
F:

----- CONCERN -----

FLOW AND MECHANICAL DRAWINGS NOT LEGIBLE

----- FINDING SUMMARY -----

A CAD SYSTEM WAS OBTAINED/PLACED IN OPERATION. THE CURRENT DISADVANTAGE IS THE LARGE NUMBER OF BFN DRAWINGS TO BE PROCESSED THROUGH CAD SYSTEM. IT IS PLANT PRACTICE THAT IF DRAWING(S) ARE ILLEGIBLE ONE CAN PROCEED TO ONE OF 3 DRAWING CONTROL CENTERS

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/12/87  
INVESTIGATION BEGUN: 02/19/86  
INVESTIGATION COMPLETED: 03/11/86  
QA VERIFICATION:

ECPN100J  
ISSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 98  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-082-01 LAST UPDATE: 01/12/87  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: LEGIBILITY OF FLOW AND MECHANICAL DRAWINGS.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN SUBSTANTIATED. THE DRAWING LEGIBILITY HAS BEEN RECOGNIZED AND  
POSITIVE STEPS ARE UNDERWAY TO CORRECT IT. INTERIM PRACTICE TO ASSIST  
PERSONNEL WHO HAVE DRAWING QUALITY PROBLEMS IS BEING DONE.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 100  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-082-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: LEGIBILITY OF FLOW AND MECHANICAL DRAWINGS.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 06/17/86  
STATUS:  
MEMO TO ECP MANAGER FROM BFN SITE-REP REGARDING DEFINITIONS OF NSR, SR  
, SS, AND GENERIC.

DATE: 06/25/86  
STATUS:  
MEMO TO WBN SITE-REP AND BFN SITE-REP FROM TMG CONCERNING DRAWING LEGI  
BILITY.

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. FINAL DISCUSSION OF INV  
ESTIGATION RESULTS WITH CI ON 03/28/86. LATER REVIEW HAS DETERMINED IF  
INVESTIGATION SCOPE AND REPORT TO BE REVISED.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 102  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-084-01  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 91000 UNSAFE CONDITIONS  
SUBJECT: UNSAFE WORKING AND OPERATING CONDITIONS IN THE WATER TREATMENT PLANT.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 02/14/86  
REPORT SUBMITTED: 07/11/86  
REPORT ISSUED: 07/10/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 08/02/86

KEYWORDS

A: SAFETY CONDITION  
D: PUMPS

B:  
E:

C: PIPING  
F:

----- CONCERN -----

TANKS, PUMPS, PIPING IN THE ACID PORTION OF THE WATER TREATMENT SYSTEM IN THE INTAKE PUMPING STATION HAS DETERIORATED TO THE EXTENT THAT UNSAFE CONDITIONS EXIST.

----- FINDING SUMMARY -----

IT WAS DETERMINED THAT RECENT CORRECTIVE ACTIONS HAVE BEEN TAKEN TO CORRECT THE CONCERN IDENTIFIED REGARDING DETERIORATION OF PIPING. IT WAS DETERMINED THAT THERE ARE NO PRESENT SIGNIFICANT UNSAFE WORKING OR OPERATING CONDITIONS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: KAS  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/12/87  
INVESTIGATION BEGUN: 05/28/86  
INVESTIGATION COMPLETED: 06/06/86  
QA VERIFICATION:



CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 103  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-084-01  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 91000 UNSAFE CONDITIONS  
SUBJECT: UNSAFE WORKING AND OPERATING CONDITIONS IN THE WAT  
ER TREATMENT PLANT.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
THE CONCERN IS SUB. ALTHOUGH THERE WAS NO VALIDATION OF THE CONCERN FO  
R OPERATIONAL SAFETY OF THE SYS., IT IS AN OLD, OUTDATED SYS. THAT HAS  
A LOT OF CONTINUING MINOR PROBLEMS, SEVERAL OF WHICH HAVE ALREADY BEE  
N CORRECTED.

RECOMMENDED CORRECTIVE ACTION:  
BFN MANAGEMENT TO DECIDE IF SYSTEM SHOULD BE REPLACED.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: YES  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: NO  
DISCIPLINARY ACTION: NO  
ADDITIONAL TRAINING: NO  
OTHER: NO

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 105  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-084-01  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 91000 UNSAFE CONDITIONS  
SUBJECT: UNSAFE WORKING AND OPERATING CONDITIONS IN THE WATER TREATMENT PLANT.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 07/24/86

STATUS: LETTER FROM SITE REPRESENTATIVE TO CI INFORMING CI OF THE RESULTS OF THE INVESTIGATION.

DATE: 09/26/86

STATUS: INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. INVESTIGATION REPORT TO LINE ON 7/15/86. LETTER WITH DISPOSITION TO CI DRAFTED. NO FURTHER COMMUNICATION, SO CONCERN CLOSED ON 8/2/86.

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 107  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-095-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30105 QUESTIONABLE DESIGN/CONSTRUCTION PRACTICE  
SUBJECT: REACTOR BUILDING/TURBINE BUILDING DEWATERING.  
LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN  
LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: PI PHONE-IN

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: YES  
CONFIDENTIAL: YES  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 01/01/86  
REPORT SUBMITTED: 02/26/86  
REPORT ISSUED: 03/05/86  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 04/18/86  
CONCERN CLOSED: 04/18/86

KEYWORDS  
A: SAFETY CONDITION B:  
D: E: C:  
F:

----- CONCERN -----

THERE IS AN EXTERNAL DEWATERING SYSTEM FOR THE BFN BUILDINGS THAT DEWATERS BUILDING INLEAKAGE FROM EXTERNAL GROUND WATER. THIS METHOD MAY PROVIDE A PATH TO THE ENVIRONMENT FOR POSSIBLE RADIOLOGICAL CONTAMINATION IF USED DURING OR FOLLOWING ABNORMAL EVENTS THAT RESULT IN CONTAMINATED WATER IN THE LOWER BUILDING ELEVATIONS.

----- FINDING SUMMARY -----

CONTRACT FOR PRESSURE GROUTING LET WHEN DEWATERING TESTS DETERMINED CONCRETE CRACKS SHOULD BE REPAIRED IN BLDGS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE:  
INVESTIGATION BEGUN: 01/15/86  
INVESTIGATION COMPLETED: 02/12/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 108  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-095-01 LAST UPDATE: 01/12/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30105 QUESTIONABLE DESIGN/CONSTRUCTION PRACTICE  
SUBJECT: REACTOR BUILDING/TURBINE BUILDING DEWATERING.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
THE INTENT WAS TO LOWER PLANT YARD GROUNDWATER LEVEL & MINIMIZE BLDG I  
NLEAKAGE. NO EVIDENCE THAT ACTUAL DEWATERING OF PLANT BLDGS OCCURRED.

RECOMMENDED CORRECTIVE ACTION:  
LIMITS OF DEWATERING PUMP OPERATING LIMITS SHOULD BE CHANGED TO THOSE  
OF REPORT CEB84-18.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	YES	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:  
ANY WATER FLOW THROUGH BLDG. STRUCTURE WILL BE BLDG. INLEAKAGE AND BE  
PROCESSED BY PLANT RADWASTE SYSTEM, WHICH IS PRESENTLY TAXED TO ITS OP  
ERATIONAL LIMITS.

RECOMMENDED CORRECTIVE ACTION:  
FUTURE REVISION OF BFOI 40 SHOULD INCLUDE NEW OPERATING LIMITS PLUS AP  
PROPRIATE CRITERIA FOR INITIATION OF MANUAL DEWATERING OPERATIONS.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	YES	ADDITIONAL TRAINING:	NO
		OTHER:	NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 110  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-095-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30105 QUESTIONABLE DESIGN/CONSTRUCTION PRACTICE  
SUBJECT: REACTOR BUILDING/TURBINE BUILDING DEWATERING.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 04/14/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 04/18/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. LINE RESPONSE RECEIVED, RESULTS OF INVESTIGATION DISCUSSED WITH CI ON 04/18/86.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 112  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-109-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING  
SUBJECT: LEAKAGE FROM BUILDING HEATING WATER PUMP.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: PCM

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 02/21/86  
REPORT SUBMITTED: 03/12/86  
REPORT ISSUED: 03/19/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 03/24/86

KEYWORDS

A: SAFETY CONDITION  
D: PUMPS

B:  
E:

C:  
F:

----- CONCERN -----

A PUMP WAS LEAKING NEXT TO OUR DRESS-OUT AREA. THE LABORER TRIED TO FIX IT, BUT COULD NOT. THE WATER SPILLED OVER THE CATCH BASIN. AT LEAST A WEEK WENT BY AND THE PROBLEM WAS NOT CORRECTED.

----- FINDING SUMMARY -----

A SMALL PUMP NEAR SOUTH WALL OF BLDG HAD BEEN LEAKING FOR 2-3 MONTHS & LEAKAGE PATH TO A FLOOR DRAIN WAS IN DRESS-OUT AREA AT ONE TIME. AN A UO ORIGINATE MAINTENANCE REQUEST A-631223, 02/06/86, FILED AS A NORMAL CONSEQUENCE AFTER OBSERVANCE OF PACKING

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 02/27/86  
INVESTIGATION COMPLETED: 02/28/86  
QA VERIFICATION:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 113  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-109-01 LAST UPDATE: 01/12/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING  
SUBJECT: LEAKAGE FROM BUILDING HEATING WATER PUMP.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN SUBSTANTIATED BUT CORRECTIVE ACTION HAS BEEN INITIATED AND COMPLETED DURING COURSE OF THE INVESTIGATION.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	YES	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 115  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-109-01 LAST UPDATE: 01/12/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING  
SUBJECT: LEAKAGE FROM BUILDING HEATING WATER PUMP.

----- KEY MILESTONES -----

DATE: 09/26/86

STATUS: INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. CLOSED ON 03/24/86. CI  
DESIRED NO FEEDBACK.



PN100J  
SS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 117  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-110-01 LAST UPDATE: 01/12/87  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS  
SUBJECT: HAZARD DUE TO THE PLACEMENT OF POWER CORDS.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: IS INDUSTRIAL SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/21/86 LINE RESPONSE:  
REPORT SUBMITTED: 03/12/86 REFERRED TO IG:  
REPORT ISSUED: 03/19/86 LAST-CI UPDATED: 03/26/86  
CONCERN CLOSED: 03/26/86

KEYWORDS  
A: B: C:  
D: CABLE E: F:

----- CONCERN -----

CONCERNED INDIVIDUAL FEELS THAT PLACING OF TEMPORARY POWER CABLES SHOULD BE BY ELECTRICIANS. RECENT FIRE IN U2 TORUS DUE TO IMPROPERLY PLACED CORDS CAUSED CONCERN IN SAFETY MEETINGS THAT WAS NOT ANSWERED.

----- FINDING SUMMARY -----

THERE IS NO FORMAL WRITTEN POLICY ON PLACEMENT/MAINTENANCE OF EXTENSION CORDS, WELDING LEADS, AND OTHER TEMPORARY POWER CABLES. THE UNDERSTOOD PRACTICE IS THAT EACH CRAFT PLACES THEIR OWN TEMPORARY CORDS AS NEEDED AS LONG AS AN INSTALLED RECEPTACLE IS

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/12/87  
INVESTIGATION BEGUN: 02/24/86  
INVESTIGATION COMPLETED: 02/26/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 118  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-110-01 LAST UPDATE: 01/12/87  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS  
SUBJECT: HAZARD DUE TO THE PLACEMENT OF POWER CORDS.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN NOT SUBSTANTIATED. THE VARIOUS CRAFT DISCIPLINES ARE RESPONSIB  
LE FOR PLACING/MAINTAINING THEIR OWN TEMP. POWER CABLES.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 120  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-110-01  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS  
SUBJECT: HAZARD DUE TO THE PLACEMENT OF POWER CORDS.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/26/86

STATUS: INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. CONCERN IS CLOSED.  
CI SENT LETTER OF INVESTIGATION RESULTS ON 3/26/86.

ECPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 122  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-131-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30800 MAINTENANCE  
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.  
LAST UPDATE: 01/12/87

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO INDUSTRIAL SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: YES DIF PROF OPIN: NO  
CORRECTIVE ACTION: YES

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/21/86  
REPORT SUBMITTED: 03/19/86  
REPORT ISSUED: 03/28/86  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 06/03/86  
CONCERN CLOSED: 06/17/86

KEYWORDS  
A: MANAGEMENT B:  
D: E: C:  
F:

----- CONCERN -----

CERTAIN CREWS ARE REQUIRED TO STAY IN C-ZONES MORE THAN OTHERS AND, AS  
A RESULT, INDIVIDUALS ARE RECEIVING HIGHER RADIATION DOSES THAN ARE N  
ECESSARY. THIS COULD BE SOLVED BY CREW ROTATION.

----- FINDING SUMMARY -----

THERE IS SOME EVIDENCE THAT EMPLOYEES ARE ENCOURAGED BY SUPERVISOR TO  
REMAIN IN C-ZONES/RADIATION AREAS. THE ALARA SUPERVISOR INDICATED THAT  
THE ALARA GROUP HAS RECENTLY BEEN INFORMED THAT SOME HAD BEEN TOLD TH  
EY HAD TO SPEND A CERTAIN TIME IN RWP.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE:  
INVESTIGATION BEGUN: 03/03/86  
INVESTIGATION COMPLETED: 03/12/86  
QA VERIFICATION:

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 123  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-131-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30800 MAINTENANCE  
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
CONCERN SUBSTANTIATED. THERE ARE ISOLATED CASES OF EMPHASIS TO REMAIN  
IN C-ZONE/RADIATION AREA AND MISUNDERSTANDING BY EMPLOYEES WITH REGARD  
TO MGMTS WORK DIRECTION. UNNECESSARY TIME SPENT IN AREAS BUT NO OVER  
EXPOSURES.

RECOMMENDED CORRECTIVE ACTION:  
PLANT MGMT SHOULD ISSUE DIRECTIVE TO ALL PERSONNEL REINFORCING ALARA C  
ONCEPT, CORRECTING EMPLOYEE PERCEPTIONS REGARDING MGMT DIRECTIONS AND  
INDICATING SUPV. RESPON. FOR DISTRIBUTION OF WORKS IN RAD CONTROLLED  
AREAS. ALSO SHOULD BE INDICATED THAT ABU

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: NO  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: YES  
DISCIPLINARY ACTION: NO  
ADDITIONAL TRAINING: NO  
OTHER: NO

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 125  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-131-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30800 MAINTENANCE  
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.  
LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 05/06/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 06/17/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. SUBSTANTIATED. FORMAL TRANSMITTAL TO SITE ON 0  
3/28/86. LINE RESPONSES RECEIVED ON 05/06, 05/16 ARE SATISFACTORY TO E  
CP SR. CI NOTIFIED OF RESULTS BY LETTER ON 06/03/86. CLOSED BY NOTE TO  
FILE ON 06/17/86.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 127  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-131-02  
CATEGORY: CD CONSTRUCTION  
SUBCATEGORY: 10600 BOLTING  
SUBJECT: OVERSTRESSING OF ELECTRICAL CONDUIT STRAP BOLTING.  
LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO INDUSTRIAL SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO  
CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/21/86  
REPORT SUBMITTED:  
REPORT ISSUED:  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 12/09/86  
CONCERN CLOSED:

KEYWORDS  
A: B: INSTALLATION C:  
D: BOLTING E: F:

----- CONCERN -----

CONDUIT STRAP BOLTS ARE BEING OVERSTRESSED SINCE TORQUE WRENCHES WILL CONTINUE TO TURN AT THE SAME TORQUE VALVE.

----- FINDING SUMMARY -----

BASED ON BFEP OPINION, TENSION WILL RELIEVE SLIGHTLY WITH TIME.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE: 01/12/87  
INVESTIGATION BEGUN: 09/04/86  
INVESTIGATION COMPLETED: 12/09/86  
QA VERIFICATION:

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 128  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-131-02  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 10600 BOLTING  
SUBJECT: OVERSTRESSING OF ELECTRICAL CONDUIT STRAP BOLTING.  
LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01  
LAST UPDATE:  
CONCLUSION:  
CONCERN NOT SUBSTANTIATED. STRESS RELIEF AND CONDUIT CLAMP CREEP CAUSE  
D RELAXATION.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO



CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 130  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-131-02  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 10600 BOLTING  
SUBJECT: OVERSTRESSING OF ELECTRICAL CONDUIT STRAP BOLTING.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:  
INVESTIGATION IN PROGRESS - BEGUN ON 9/4/86.

DATE: 12/09/86  
STATUS:  
INVESTIGATION COMPLETE.

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 132  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-132-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30800 MAINTENANCE  
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: PCM

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION

SAFETY RELATED:	SR NUCLEAR SAFETY		
PROTECTED ACTIVITY:	(IH ONLY)	CONFIDENTIAL:	NO
REPORTABLE:	NO	STOP WORK:	NO
SUBSTANTIATED:	YES	DIF PROF OPIN:	NO
CORRECTIVE ACTION:	YES		

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED:	02/21/86	LINE RESPONSE:	
REPORT SUBMITTED:	03/19/86	REFERRED TO IG:	
REPORT ISSUED:	03/28/86	LAST-CI UPDATED:	06/03/86
		CONCERN CLOSED:	06/17/86

KEYWORDS

A: MANAGEMENT	B:	C:
D:	E:	F:

----- CONCERN -----

SAME AS 86-BF-131-01

----- FINDING SUMMARY -----

THERE IS SOME EVIDENCE THAT EMPLOYEES ARE ENCOURAGED BY SUPERVISIONS TO REMAIN IN C-ZONES/RADIATION AREAS. THE ALARA SUPERV. INDICATED THAT ALARA GROUP HAD RECENTLY BEEN INFORMED THAT SOME HAD BEEN TOLD THEY HAD TO SPEND CERTAIN TIME IN RWP AREAS.

----- LOCATION INVESTIGATION -----

LOCATION:	BFN	LAST UPDATE:	
INVESTIGATOR:	TFN	INVESTIGATION BEGUN:	03/03/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	03/12/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 133  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-132-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30800 MAINTENANCE  
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.  
LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01  
LAST UPDATE:

CONCLUSION:  
SAME AS IN ECP-86-BF-131-01

RECOMMENDED CORRECTIVE ACTION:  
SAME AS ECP-86-BF-131-01

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: NO  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: YES  
DISCIPLINARY ACTION: NO  
ADDITIONAL TRAINING: NO  
OTHER: NO

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 135  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-132-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30800 MAINTENANCE  
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.  
LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 05/06/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 06/17/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. SAME AS 86-BF-131-01. C  
LOSED WITH NOTE TO FILE ON 06/17/86.

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 137  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-138-01  
CATEGORY: QA QA  
SUBCATEGORY: 30801  
SUBJECT: TO JUDGE CRAFTSMEN'S WORK.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: PCM

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 02/21/86  
REPORT SUBMITTED: 07/09/86  
REPORT ISSUED: 07/15/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 07/24/86  
CONCERN CLOSED: 08/04/86

KEYWORDS

A: QUALIFICATION  
D: INSPECTORS

B:  
E:

C:  
F:

----- CONCERN -----

CI BELIEVES QC INSPECTORS ARE NOT QUALIFIED TO JUDGE CRAFTSMEN'S WORK.

----- FINDING SUMMARY -----

TVA TOPICAL REPORT PROVIDES REQUIREMENT FOR QUALIFICATION OF INSPECTIO  
N ACTIVITIES. ENTRY LEVEL QC INSPECTORS REQUIRE ONE YEAR RELEVANT EXPE  
RIENCE. MINIMUM 3 MONTHS WITH NO EXPERIENCE.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/26/86  
INVESTIGATION COMPLETED: 06/20/86  
QA VERIFICATION:

ECPH100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 138  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-138-01  
CATEGORY: QA QA  
SUBCATEGORY: 30801  
SUBJECT: TO JUDGE CRAFTSMEN'S WORK.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

CONCERN NOT SUBSTANTIATED. QC INSPECTORS PERFORM INSPECTION TO PREDETE  
RMINED SPECIFIED REQUIREMENTS AND QUALITY CAN BE DEFINED AS ADHERENCE  
TO REQUIREMENTS.

RECOMMENDED CORRECTIVE ACTION:

NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: NO  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: NO  
DISCIPLINARY ACTION: NO  
ADDITIONAL TRAINING: NO  
OTHER: NO

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 140  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-138-01  
CATEGORY: QA QA  
SUBCATEGORY: 30801  
SUBJECT: TO JUDGE CRAFTSMEN'S WORK.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: / /  
STATUS:

DATE: 03/26/86  
STATUS:

MEMO FROM GRT TO RBK CONCERNING FIVE EMPLOYEE CONCERNS THAT WERE INVESTIGATED AND CONSIDERED RESOLVED.

DATE: 07/24/86  
STATUS:  
MEMO TO CI FROM SITE-REP SUMMARIZING RESULTS OF INVESTIGATION.

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. INVESTIGATION REPORT TO LINE ON 07/15/86. LETTER OF DISPOSITION PREPARED TO CI. NO FURTHER COMMUNICATION SO CONCERN CLOSED ON 08/04/86.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 142  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-141-01 LAST UPDATE: 01/13/87  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 19100 ELEC. EQUIPMENT  
SUBJECT: BREACHING OF ELECTRICAL PENETRATIONS WITH UNAPPROV  
ED TOOLS.

SITE-REP:  
INTERVIEWER: PCM LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO CONFIDENTIAL: NO  
SUBSTANTIATED: YES STOP WORK: NO  
CORRECTIVE ACTION: NO DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: DL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/21/86 LINE RESPONSE:  
REPORT SUBMITTED: 04/03/86 REFERRED TO IG:  
REPORT ISSUED: 04/14/86 LAST-CI UPDATED:  
CONCERN CLOSED: 04/14/86

KEYWORDS  
A: B: C: ELECTRICAL  
D: EQUIPMENT E: F:

----- CONCERN -----

UNAPPROVED TOOLS (SHARPENED BROOM HANDLES) WERE USED TO BREACH ELECTRICAL PENETRATIONS.

----- FINDING SUMMARY -----

PRIOR TO SEPT. 1982, THE BFN PROCEDURE ON BREACHING OF SEALED PENETRATIONS AND FIRE STOPS (BF MMI75) SPECIFIED SPECIAL TOOL FOR USE IN BREACHING SEALANT IN PENETRATIONS. DURING BREACHING ACTIVITIES PRIOR TO THIS DATE, THE ABOVE PROBLEMS EXISTED.

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE:  
INVESTIGATOR: TFN INVESTIGATION BEGUN: 03/18/86  
INVESTIGATION NO: INVESTIGATION COMPLETED: 03/31/86  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 143  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-141-01 LAST UPDATE: 01/13/87  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 19100 ELEC. EQUIPMENT  
SUBJECT: BREACHING OF ELECTRICAL PENETRATIONS WITH UNAPPROVED  
ED TOOLS.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN SUBSTANTIATED. UNAPPROVED WOODED RODS HAD BEEN USED IN BREACHING  
PENETRATIONS FOR PULLING OF ELEC. CABLES. HOWEVER, NO DETRIMENTAL EFFECTS  
AND PROCEDURES HAVE BEEN REVISED.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION	
HARDWARE MODIFICATION:	NO
HARDWARE REPAIR:	NO
PROCEDURE CHANGE:	NO
INFORMATION PROGRAM ACTIVITIES:	NO
DISCIPLINARY ACTION:	NO
ADDITIONAL TRAINING:	YES
OTHER:	NO

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 145  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-141-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 19100 ELEC. EQUIPMENT  
SUBJECT: BREACHING OF ELECTRICAL PENETRATIONS WITH UNAPPROVED TOOLS.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 06/24/86

STATUS: MEMO FROM TFN TO EKS RE-REVIEW OF CONCERNS WITH DEFINITIONS OF NUCLEAR SAFETY-RELATED, SAFETY SIGNIFICANT, AND GENERIC APPLICABILITY.

DATE: 09/26/86

STATUS: INVESTIGATION COMPLETE. CONCERN NO SUBSTANTIATED. INVESTIGATION REPORT APPROVED, CONCERN DEEMED CLOSED ON 4/14/86 - CI DESIRED NO FEEDBACK.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 147  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-143-01  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90500 LIFE SAFETY  
SUBJECT: PERSONNEL SAFETY HAZARD DUE TO MANAGEMENT'S REFUSA  
L TO OPEN THE REACTOR DRYWELL PLUGS.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: PCM

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: IS INDUSTRIAL SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: YES

GENERIC APPLICABILITY BF: PL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/21/86  
REPORT SUBMITTED: 04/18/86  
REPORT ISSUED: 05/02/86  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 09/18/86  
CONCERN CLOSED: 09/18/86

KEYWORDS  
A: MANAGEMENT B:  
D: E: C:  
F:

----- CONCERN -----

MANAGEMENT WOULD NOT ALLOW DRYWELL PLUGS TO BE REMOVED WHILE MEN WERE  
WORKING IN THE DRYWELL. THIS IS A POTENTIAL SAFETY HAZARD.

----- FINDING SUMMARY -----

THE BASIC PUBLIC SAFETY PHILOSOPHY ON PROVIDING VITAL ACCESS WHEN THE  
PLUGS ARE OPEN IS A MATTER OF MONEY/PEOPLE EXCEPT IN EXTREME EMERGENCY  
. THE CHIEF OF PSO HAS REQUESTED PLANT SAFETY ORGANIZATION TO PROVIDE J  
USTIFICATION/REQUIREMENTS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/19/86  
INVESTIGATION COMPLETED: 04/09/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 148  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-143-01 LAST UPDATE: 01/12/87  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90500 LIFE SAFETY  
SUBJECT: PERSONNEL SAFETY HAZARD DUE TO MANAGEMENT'S REFUSAL TO OPEN THE REACTOR DRYWELL PLUGS.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
REACTOR DRYWELL NOT AREA OF HUMAN OCCUPANCY & SPECIFIC REQUIREMENTS FOR EGRESS DON'T APPLY. EMERGENCY CONCERN ONE OF FIRE. NORMAL FIRE PREVENTION PRECAUTIONS NOT SUFFICIENT IN THIS AREA FOR WORKING.

RECOMMENDED CORRECTIVE ACTION:  
PROVIDE CONSISTENT GUIDELINES FOR PERSONNEL EMERGENCY EGRESS DURING WORK ACTIVITIES IN REACTOR DRYWELLS SUCH AS; A) NUMBER OF PEOPLE WORKING THERE; B) TIME SPAN OF WORK ACTIVITIES; C) CLEAR EGRESS PATH; D) REDUNDANT MOVING FIRE WATCHES TO ADD DEGREE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION			
HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	YES
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:  
PLANT SAFETY SHOULD FULFILL THEIR RESPONSIBILITIES BY OBTAINING OR PROVIDING EXPEDITIOUS RESOLUTION OF SUCH ISSUES.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION			
HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 150  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-143-01  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90500 LIFE SAFETY  
SUBJECT: PERSONNEL SAFETY HAZARD DUE TO MANAGEMENT'S REFUSAL TO OPEN THE REACTOR DRYWELL PLUGS.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 07/08/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 09/18/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN NO SUBSTANTIATED. FORMAL TRANSMITTAL TO SITE ON 5/2. LINE RESPONDED ON 6/10 AND AGAIN ON 7/8 WITH REVISED RESPONSE - CONCERN CLOSED ON 9/18.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 152  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-144-01 LAST UPDATE: 01/12/87  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS  
SUBJECT: HAZARD DUE TO THE PLACEMENT OF POWER CORDS.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO INDUSTRIAL SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/21/86 LINE RESPONSE:  
REPORT SUBMITTED: 03/12/86 REFERRED TO IG:  
REPORT ISSUED: 03/19/86 LAST-CI UPDATED: 03/26/86  
CONCERN CLOSED: 03/26/86

KEYWORDS  
A: B: C:  
D: CABLE E: F:

----- CONCERN -----

SAME AS 86-BF-110-001

----- FINDING SUMMARY -----

NO FORMAL WRITTEN POLICY ON PLACEMENT/MAINT OF EXTENSION CORDS, WELDING LEADS, AND OTHER POWER CABLES (TEMPORARY). THE UNDERSTOOD PRACTICE IS THAT EACH CRAFT PLACES THEIR OWN TEMP CORDS AS NEEDED AS LONG AS AN INSTALLED RECEPTACLE IS UTILIZED.

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE: 01/12/87  
INVESTIGATOR: TFN INVESTIGATION BEGUN: 02/24/86  
INVESTIGATION NO: INVESTIGATION COMPLETED: 02/26/86  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 153  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-144-01 LAST UPDATE: 01/12/87  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS  
SUBJECT: HAZARD DUE TO THE PLACEMENT OF POWER CORDS.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN NOT SUBSTANTIATED. THE VARIOUS CRAFT DISCIPLINES ARE RESPONSIB  
LE FOR PLACING/MAINTAINING THEIR OWN TEMP. POWER CABLES.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 155  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-144-01 LAST UPDATE: 01/12/87  
CATEGORY: SF INDUSTRIAL SAFETY  
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS  
SUBJECT: HAZARD DUE TO THE PLACEMENT OF POWER CORDS.

----- KEY MILESTONES -----

DATE: 03/26/86  
STATUS: LETTER FROM SITE REPRESENTATIVES TO CI INFORMING CI OF THE RESULTS OF  
THE INVESTIGATION AND ANY CORRECTIVE ACTIONS TAKEN OR PLANNED.  
DATE: 09/26/86  
STATUS: INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. SAME AS 86-BF-110-0  
01.



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 157  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-154-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70700 ORGANIZATION  
SUBJECT: INSTRUMENTATION AND CONTROL EMPLOYEES UNDER SUPERV  
ISION OF ELECTRICIANS.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: NO INDUSTRIAL SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: YES  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/21/86  
REPORT SUBMITTED: 03/19/86  
REPORT ISSUED: 03/31/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 04/03/86

KEYWORDS  
A: ORGANIZATION B:  
D: E: C:  
F:

----- CONCERN -----

UNDER THE NEW BFN ORGANIZATION, I & C EMPLOYEES ARE UNDER THE DIRECT S  
UPERVISION OF ELECTRICIAN FOREMEN AND GENERAL FOREMEN.

----- FINDING SUMMARY -----

MIXED CREW CONCEPT UTILIZED.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/04/86  
INVESTIGATION COMPLETED: 03/11/86  
QA VERIFICATION:

ECPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 158  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-154-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70700 ORGANIZATION  
SUBJECT: INSTRUMENTATION AND CONTROL EMPLOYEES UNDER SUPERVISION OF ELECTRICIANS.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

ALL QUALIFICATIONS REQUIREMENTS BEING MET WITH REGARD TO I&C SUPERVISORY POSITIONS AT BFN & THERE ARE NO DISCREPANCIES IN REGARD TO ADMIN. AND FUNCTIONAL SUPERVISION RESPONSIBILITIES FOR EMPLOYEES IN QUESTION.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: NO  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: NO  
DISCIPLINARY ACTION: NO  
ADDITIONAL TRAINING: NO  
OTHER: NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 160  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-154-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70700 ORGANIZATION  
SUBJECT: INSTRUMENTATION AND CONTROL EMPLOYEES UNDER SUPERV  
ISION OF ELECTRICIANS.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 04/03/86

STATUS: MEMO FROM TFN TO TDC SUMMARIZING EMPLOYEE CONCERN INVESTIGATION RESULT  
S.

DATE: 09/26/86

STATUS: INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. DUE TO ANONYMOUS NA  
TURE OF CONCERN, FORWARDED LETTER TO MANAGER OF AREA OF CONCERN ON 4/3  
/86 CONTAINING RESULTS OF INVESTIGATION.

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 162  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-155-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70300 WORK SCHEDULES  
SUBJECT: ROTATION OF EMPLOYEES TO PREFERRED WORKING SHIFTS.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION

SAFETY RELATED:	NO INDUSTRIAL SAFETY		
PROTECTED ACTIVITY:	(IH ONLY)	CONFIDENTIAL:	NO
REPORTABLE:	NO	STOP WORK:	NO
SUBSTANTIATED:	NO	DIF PROF OPIN:	NO
CORRECTIVE ACTION:	YES		

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED:	02/26/86	LINE RESPONSE:	
REPORT SUBMITTED:	03/18/86	REFERRED TO IG:	
REPORT ISSUED:	03/21/86	LAST-CI UPDATED:	
		CONCERN CLOSED:	03/25/86

KEYWORDS

A: PERSONNEL FEELINGS B: MODIFICATION  
D: E:

C:  
F:

----- CONCERN -----

PERSONNEL IN MODIFICATIONS GROUP NEED SOME KIND OF A SYSTEM TO ALLOW WORKERS ON EVENING AND MIDNIGHT SHIFTS TO ROTATE TO DAY SHIFT.

----- FINDING SUMMARY -----

THERE IS NO TVA FORMAL ESTABLISHED POLICY OR JOB RULE THAT PROVIDES CRITERIA OR REQUIREMENTS REGULATING TRANSFER OF EMPLOYEES TO PREFERRED WORK SHIFTS. IT IS MGMTS. RESPONSIBILITY TO UTILIZE PERSONNEL RESOURCES TO ACCOMPLISH SCOPE OF WORK ASSIGNED AN

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/10/86  
INVESTIGATION COMPLETED: 03/17/86  
QA VERIFICATION:

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 163  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-155-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70300 WORK SCHEDULES  
SUBJECT: ROTATION OF EMPLOYEES TO PREFERRED WORKING SHIFTS.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01  
LAST UPDATE:

CONCLUSION:  
NO POLICY OR JOB RULE BEING ABUSED AND THERE IS NO SPECIFIC EVIDENCE THAT INFORMAL SHIFT CHANGE REQUESTS ARE NOT BEING ACCOMMODATED.

RECOMMENDED CORRECTIVE ACTION:  
IN INTEREST OF FAIRNESS AND MGMT/EMPLOYEE WORK ETHICS, IT IS ENDORSED AND RECOMMENDED BY ECP THAT EMPLOYEE REQUEST FOR SHIFT CHANGE BE GIVEN CONSIDERATION AND, IF POSSIBLE IN COURSE OF TIME, BE ACCOMMODATED PROVIDED THAT SPECIFIC JOB NEEDS ARE MET.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	YES

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 165  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-155-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70300 WORK SCHEDULES  
SUBJECT: ROTATION OF EMPLOYEES TO PREFERRED WORKING SHIFTS.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:

INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. FINAL DISCUSSION OF  
INVESTIGATION RESULTS WITH CI ON 3/25/86.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 167  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-156-01  
CATEGORY: QA QA  
SUBCATEGORY: 80300 QUALITY ASSURANCE PERSONNEL  
SUBJECT: REMOVAL OF QC INSPECTOR CERTIFICATIONS BY SUPERVISOR IN REACTION TO INSPECTOR VOICING CONCERNS WITH

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: NO INDUSTRIAL SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: YES DIF PROF OPIN: NO  
CORRECTIVE ACTION: YES

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/26/86 LINE RESPONSE: 06/09/86  
REPORT SUBMITTED: 05/08/86 REFERRED TO IG:  
REPORT ISSUED: 05/23/86 LAST-CI UPDATED: 06/18/86  
CONCERN CLOSED: 06/18/86

KEYWORDS  
A: HARASSMENT B:  
D: E: C:  
F:

----- CONCERN -----

AFTER VOICING CONCERNS I HAVE WITH ORGANIZATIONAL PROBLEMS, MY CERTIFICATIONS TO FULFILL MY JOB DESCRIPTION (QC INSPECTOR) WERE PULLED.

----- FINDING SUMMARY -----

EMPLOYEE LEFT DUTY STATION ON REFUELING FLOOR AT LUNCH & DIDN'T RETURN BECAUSE HE HAD PREVIOUSLY REC'D MEMO INSTRUCTING TO ATTEND MEETING AFTER LUNCH. EMPLOYEE WAS SUMMONED TO SHIFT SUPV OFFICE NEXT DAY FOR EXPLANATION. EMPLOYEE RETURNED TO STATION.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/10/86  
INVESTIGATION COMPLETED: 03/26/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 168  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-156-01 LAST UPDATE: 01/13/87  
CATEGORY: QA QA  
SUBCATEGORY: 80300 QUALITY ASSURANCE PERSONNEL  
SUBJECT: REMOVAL OF QC INSPECTOR CERTIFICATIONS BY SUPERVIS  
ION IN REACTION TO INSPECTOR VOICING CONCERNS WITH

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
CONCERN SUBSTANTIATED. AS A RESULT OF PERSONAL ARGUMENTS, 2 BAD DEVI  
SIONS WERE MADE. THE EMPLOYEE STATED HE WOULD NO LONGER WRITE NONCONFORM  
ITIES AND SUPERVISION SUSPENDED HIS CERTIFICATIONS.

RECOMMENDED CORRECTIVE ACTION:  
REINSTATE THE QC INSPECTORS' CERTIFICATIONS AND PURGE ANY EMPLOYEE PER  
FORMANCE FILES OR RECORDS OF SUCH INDICATION.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	YES

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:  
PROVIDE ASSURANCE TO CONCERNED INDIVIDUAL THAT THE INCIDENT DOES NOT R  
EFLECT ON THE MERIT OF JOB PERFORMANCE BUT ALSO COUNSEL HIM & SUPERIOR  
REGARDING CONSEQUENCES OF SUCH BEHAVIOR IN THE FUTURE.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	YES



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 170  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-156-01  
CATEGORY: QA QA  
SUBCATEGORY: 80300 QUALITY ASSURANCE PERSONNEL  
SUBJECT: REMOVAL OF QC INSPECTOR CERTIFICATIONS BY SUPERVIS  
ION IN REACTION TO INSPECTOR VOICING CONCERNS WITH

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 06/09/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 06/18/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE.

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. INVESTIGATION REPORT TR  
ANSMITTED TO SITE ON 05/23/86. LINE RESPONSE ON 06/09. AWAITING FINAL  
STATUS DISCUSSION WITH CI. FINAL DISCUSSION WITH CI HELD ON 06/18/86.  
CONCERN CLOSED.

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 172  
TIME 15:55:43  
DATE 02/06/87

CONCERN NO: ECP-86-BF-157-01 LAST UPDATE: 01/12/87  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 15100 DAMAGE  
SUBJECT: DAMAGE TO ECCS RING HEADER DURING INSTALLATION OF  
SHIMS BETWEEN THE RING HEADER PIPING AND SUPPORT C

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO  
CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/27/86  
REPORT SUBMITTED: 07/11/86  
REPORT ISSUED: 07/15/86  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 07/23/86

KEYWORDS  
A: B:  
D: E: C: PIPING  
F:

----- CONCERN -----

USAGE OF SLEDGE HAMMERS AND STEEL WEDGES TO ALIGN PSC RING HEADER PIPING WITHIN SUPPORT COLLARS MAY DAMAGE PIPING BUT GREATER CONCERN IS THAT PIPING MAY HAVE OVERSTRESSED IN THE PAST.

----- FINDING SUMMARY -----

TEMPORARY SUPPORTS WERE DESIGNED/INSTALLED TO TAKE WEIGHT. DISCREPANCY WITH RESPECT TO DESIGN DRAWING REQUIREMENTS. RE-EXAMINATION OF SUPPORTS BEING DONE. REPAIR WORK WILL BE DONE WHERE AND IF NEEDED. INSPECTION AND CORRECTION ARE DONE. NO INDICATION

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE:  
INVESTIGATION BEGUN: 03/11/86  
INVESTIGATION COMPLETED: 05/27/86  
QA VERIFICATION:

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 173  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-157-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 15100 DAMAGE  
SUBJECT: DAMAGE TO ECCS RING HEADER DURING INSTALLATION OF  
SHIMS BETWEEN THE RING HEADER PIPING AND SUPPORT C

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
CONCERN NOT SUBSTANTIATED. NO INDICATIONS OR EVIDENCE PRESENT THAT PAS  
T DEFLECTIONS OF PIPING HAVE RESULTED IN OVERSTRESS.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	YES	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 175  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-157-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 15100 DAMAGE  
SUBJECT: DAMAGE TO ECCS RING HEADER DURING INSTALLATION OF  
SHIMS BETWEEN THE RING HEADER PIPING AND SUPPORT C

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/26/86

STATUS:

INVESTIGATION COMPLETE - CONCERN NOT SUBSTANTIATED INVESTIGATION REPORT TO LINE ON 07/15/86. FINAL CONVERSATION WITH CI ON 07/23 AND CLOSURE EFFECTIVE ON THAT DATE (CI NOW AT SEQUOYAH NUCLEAR PLANT)

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 177  
TIME 15:55:48  
DATE 02/05/87

CONCERN NO: ECP-86-BF-163-01 LAST UPDATE: 01/12/87  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11300 ANCHORAGES  
SUBJECT: PROCEDURES NOT FOLLOWED ON INSTALLATION OF ANCHOR  
BOLTS IN BASEPLATE FOR HPCI LINE SUPPORT.

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IM ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: CONFIDENTIAL: YES  
CORRECTIVE ACTION: STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/27/86  
REPORT SUBMITTED:  
REPORT ISSUED: LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 10/30/86  
CONCERN CLOSED:

KEYWORDS  
A: PROCEDURES B: INSTALLATION C:  
D: ANCHORS E: F:

----- CONCERN -----

PROCEDURES MAY NOT HAVE BEEN FOLLOWED IN THE PROPER INSTALLATION OF AN  
CHOR BOLT IN A BASEPLATE FOR A UNIT 2 HPCI LINE SUPPORT.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN:  
INVESTIGATION COMPLETED:  
QA VERIFICATION:

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 178  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-163-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11300 ANCHORAGES  
SUBJECT: PROCEDURES NOT FOLLOWED ON INSTALLATION OF ANCHOR  
BOLTS IN BASEPLATE FOR HPCI LINE SUPPORT.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 180  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-163-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11300 ANCHORAGES  
SUBJECT: PROCEDURES NOT FOLLOWED ON INSTALLATION OF ANCHOR  
BOLTS IN BASEPLATE FOR HPCI LINE SUPPORT.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/26/86

STATUS:  
EVEN THOUGH INVESTIGATION WAS CONSIDERED IN PROGRESS, HAVE REQUESTED S  
ITE RESOURCES (J. TRAGLIA TO INVESTIGATE. INVESTIGATION HAS BEEN ASSIG  
ED TO J. TRAGLIA EFFECTIVE 9/15 WITH AN INVESTIGATION PLAN.

DATE: 10/22/86

STATUS:  
MEMO FROM TFN TO S. HOPLANS REQUESTING TO COMPLETE INVESTIGATION OF SU  
BJECT CONCERN.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 182  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-182-01 LAST UPDATE: 01/13/87  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN WORK CONTROL  
SUBJECT: WORKMANSHIP ON NON - CSSC SYSTEMS & COMPONENTS NOT  
PROPERLY PERFORMED. NEED GOOD INDUSTRY PRACTICE G

SITE-REP:  
INTERVIEWER: TFN LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO CONFIDENTIAL: NO  
SUBSTANTIATED: NO STOP WORK: NO  
CORRECTIVE ACTION: DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/28/86 LINE RESPONSE:  
REPORT SUBMITTED: REFERRED TO IG:  
REPORT ISSUED: LAST-CI UPDATED: 12/06/86  
CONCERN CLOSED:

KEYWORDS  
A: MAINTENANCE B: MODIFICATION C: ELECTRICAL  
D: E: F:

----- CONCERN -----

WORKMANSHIP ON NON - CSSC SYSTEMS AND COMPONENTS IS NOT PROPERLY PERFORMED. THERE SHOULD BE A GOOD INDUSTRY PRACTICE GUIDELINE FOR NON - CSSC WORK SUCH AS THE NATIONAL ELECTRICAL CODE.

----- FINDING SUMMARY -----

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE:  
INVESTIGATOR: CRE INVESTIGATION BEGUN:  
INVESTIGATION NO: INVESTIGATION COMPLETED:  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 183  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-182-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: WORKMANSHIP ON NON - CSSC SYSTEMS & COMPONENTS NOT  
PROPERLY PERFORMED. NEED GOOD INDUSTRY PRACTICE G

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

NO RECOMMENDATIONS FOUND

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 185  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-182-01  
CATEGORY: CO CONSTRUCTION  
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL  
SUBJECT: WORKMANSHIP ON NON - CSSC SYSTEMS & COMPONENTS NOT  
PROPERLY PERFORMED. NEED GOOD INDUSTRY PRACTICE G

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 01/05/87

STATUS:  
NO INVESTIGATION BEGUN. ASSIGNED TO CRE. LAST CONTACT WITH CI ON 12-06  
-86.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 187  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-186-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71600 LABOR RELATIONS  
SUBJECT: CRAFT SUPERVISOR ATTITUDE TOWARDS WORKER'S CAPABILITIES.

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY      BF:      BL:      SQ:      WB:      CH:      KX:

KEY DATES  
RECEIVED: 02/28/86  
REPORT SUBMITTED: 04/11/86  
REPORT ISSUED: 04/17/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 04/23/86  
CONCERN CLOSED: 05/08/86

KEYWORDS  
A: HARASSMENT  
D:

B:  
E:      C:  
F:

----- CONCERN -----

A FOREMAN IS ALWAYS PUSHING AND THREATENING HIS WORKERS THAT IF THEY D  
ON'T STAY BUSY, HE'LL HAVE TO PUT THEM DOWN ON ELEVATION 519.

----- FINDING SUMMARY -----

FOREMAN MADE REMARKS THAT IF CREW COULD NOT STAY BUSY WILL BE SENT TO  
ELEV 519.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/21/86  
INVESTIGATION COMPLETED: 04/10/86  
QA VERIFICATION:

ECPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 188  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-186-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71600 LABOR RELATIONS  
SUBJECT: CRAFT SUPERVISOR ATTITUDE TOWARDS WORKER'S CAPABILITIES.

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

CONCERN NOT SUBSTANTIATED. DETERMINED THAT CONTINUING INDICATION BY SUPERVISOR TO EMPLOYEES TO BE PRODUCTIVELY ENGAGED MAY BE TOO FREQUENT AND CONSTRUED AS HARASSMENT, BUT SUPERVISOR HAS RESPONSIBILITY OF KEEPING WORK GOING.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION:

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 190  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-186-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71600 LABOR RELATIONS  
SUBJECT: CRAFT SUPERVISOR ATTITUDE TOWARDS WORKER'S CAPABILITIES.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:

INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. LETTER WRITTEN TO C  
I TO CLOSE WITH RESULTS OF INVESTIGATION AND ASKING RESPONSE BY 5/5/86  
WITH ANY QUESTIONS. NO RESPONSE - CONCERN CLOSED.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 192  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-186-02 LAST UPDATE: 01/12/87  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL  
SUBJECT: CRAFT SUPERVISION ATTITUDE TOWARDS WORKER'S CAPABILITIES.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 02/28/86 LINE RESPONSE:  
REPORT SUBMITTED: 04/11/86 REFERRED TO IG:  
REPORT ISSUED: 04/17/86 LAST-CI UPDATED: 04/23/86  
CONCERN CLOSED: 05/08/86

KEYWORDS  
A: MANAGEMENT B: UNION C:  
D: E: F:

----- CONCERN -----

IF MANAGEMENT DOES NOT THINK THAT WORKERS FROM LOCAL 760 ARE DOING A GOOD JOB, FIRE THEM. IF MANAGEMENT IS NOT TELLING THE TRUTH ABOUT LOCAL 760 WORKERS, THEN FIRE THE MANAGER.

----- FINDING SUMMARY -----

THIS CONCERN LACKS SUFFICIENT FACTUAL INFORMATION OR BASIS TO MERIT FORMAL INVESTIGATION. NO FURTHER EMPLOYEE CONCERN PROGRAM EFFORT WILL BE DEVOTED TO IT.

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE:  
INVESTIGATOR: TFN INVESTIGATION BEGUN: 03/21/86  
INVESTIGATION NO: INVESTIGATION COMPLETED: 04/10/86  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 193  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-186-02  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL  
SUBJECT: CRAFT SUPERVISION ATTITUDE TOWARDS WORKER'S CAPABILITIES.

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
CONCERN NOT SUBSTANTIATED.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: NO  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: NO  
DISCIPLINARY ACTION: NO  
ADDITIONAL TRAINING: NO  
OTHER: NO

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 195  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-186-02 LAST UPDATE: 01/12/87  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL  
SUBJECT: CRAFT SUPERVISION ATTITUDE TOWARDS WORKER'S CAPABI  
LITIES.

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:

INVESTIGATION COMPLETE. CONCERN NO SUBSTANTIATED. SAME AS 86-BF-186-00  
1.



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 197  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-198-01  
CATEGORY: QA QA  
SUBCATEGORY: 80500 DOCUMENT CONTROL AND RECORDS  
SUBJECT: INADEQUATE SPACE FOR WORK AND DOCUMENT STORAGE FOR  
ELECTRICAL MAINTENANCE.

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 03/04/86  
REPORT SUBMITTED: 04/08/86  
REPORT ISSUED: 04/14/86  
LINE RESPONSE: 06/09/86  
REFERRED TO IG:  
LAST-CI UPDATED: 04/07/86  
CONCERN CLOSED: 06/25/86

KEYWORDS  
A: STORAGE B: MAINTENANCE C: ELECTRICAL  
D: E: F:

----- CONCERN -----

ELECTRICAL MAINTENANCE HAS INADEQUATE SPACE AND WORKING FACILITIES TO PROPERLY ACCOMPLISH THE ELECTRICAL EQ WORK ON THE LIMITORQUE VALUES AND TO MAINTAIN THE ASSOCIATED TEDIOUS PAPERWORK IN AN EFFICIENT PROFESSIONAL MANNER.

----- FINDING SUMMARY -----

A FINAL DISCUSSION WITH CONCERNED INDIVIDUAL ON APRIL 7, 1986, REVEALED THAT ADEQUATE ADMIN AND PHYSICAL WORKING SPACE HAD BEEN PROVIDED FOR THE WORK AND EVERYTHING PRESENTLY ACCEPTABLE.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/10/86  
INVESTIGATION COMPLETED: 04/07/86  
QA VERIFICATION:

ECPN100J  
SSSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 198  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-198-01 LAST UPDATE: 01/13/87  
CATEGORY: QA QA  
SUBCATEGORY: 80500 DOCUMENT CONTROL AND RECORDS  
SUBJECT: INADEQUATE SPACE FOR WORK AND DOCUMENT STORAGE FOR  
ELECTRICAL MAINTENANCE.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:  
CONCLUSION:  
BFN MANAGEMENT ADDRESSED EMPLOYEES'S CONCERN APPROPRIATELY AND IN A TIMELY MANNER.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION  
HARDWARE MODIFICATION: NO INFORMATION PROGRAM ACTIVITIES: NO  
HARDWARE REPAIR: NO DISCIPLINARY ACTION: NO  
PROCEDURE CHANGE: NO ADDITIONAL TRAINING: NO  
OTHER: YES

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION  
HARDWARE MODIFICATION: INFORMATION PROGRAM ACTIVITIES:  
HARDWARE REPAIR: DISCIPLINARY ACTION:  
PROCEDURE CHANGE: ADDITIONAL TRAINING:  
OTHER:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 200  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-198-01  
CATEGORY: QA QA  
SUBCATEGORY: 80500 DOCUMENT CONTROL AND RECORDS  
SUBJECT: INADEQUATE SPACE FOR WORK AND DOCUMENT STORAGE FOR  
ELECTRICAL MAINTENANCE.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:

INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. INVESTIGATION REPORT  
SUBMITTED TO EKS ON 4/8/86 TO DOCUMENT CLOSURE DISCUSSION WITH CI ON  
4/7/86. CONCERN CLOSED WITHOUT FORMAL INVESTIGATION BY ECP.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 202  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-199-01  
CATEGORY: QA QA  
SUBCATEGORY: 80602 MANAGEMENT DIRECTED DEVIATIONS  
SUBJECT: PERFORMANCE OF WORK NOT IN ACCORDANCE WITH PROCEDURE.  
RE.

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: YES

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 03/03/86  
REPORT SUBMITTED: 04/16/86  
REPORT ISSUED: 04/25/86

LINE RESPONSE: 06/09/86  
REFERRED TO IG:  
LAST-CI UPDATED: 06/25/86  
CONCERN CLOSED: 06/25/86

KEYWORDS

A: PROCEDURES  
D:

B:  
E:

C: ELECTRICAL  
F:

----- CONCERN -----

EMPLOYEE X AND Y WERE INSTRUCTED BY EMPLOYEE Z TO TORQUE STRAPS IN THE REACTOR BUILDING AND I.D. TORQUED STRAPS WITH A BLUE TAG. WE INFORMED EMPLOYEE Z THAT THIS ACTION WAS NOT IN ACCORDANCE WITH SEMI-51. HE INSISTED THAT WE CONTINUE THIS WORK.

----- FINDING SUMMARY -----

DESIGN CRITERIA INITIALLY ISSUED 1/14/71 & PROVIDED FOR CONDUIT SUPPORTS WITHIN SEISMIC CATEGORY I STRUCTURES AT BFN. INTENT OF INSPECTION PROGRAM WAS TO PERFORM VISUAL INSPECTION. THE WORK INFORMALLY STOPPED AFTER APPROX. 5 SHIFTS UNTIL NEW MRS WERE

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/11/86  
INVESTIGATION COMPLETED: 03/27/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 203  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-199-01  
CATEGORY: QA QA  
SUBCATEGORY: 80602 MANAGEMENT DIRECTED DEVIATIONS  
SUBJECT: PERFORMANCE OF WORK NOT IN ACCORDANCE WITH PROCEDURE.  
RE.

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
CONCERN SUBSTANTIATED. PROCEDURES INDICATE WEAKNESSES IN AREAS OF DESIGN CONTROL, PROCEDURE DEFINITION, AND QUALITY ASSURANCE RECORDS THAT SHOULD BE STRENGTHENED PRIOR TO CONTINUING THIS WORK.

RECOMMENDED CORRECTIVE ACTION:  
STOP ALL WORK BEING PERFORMED IN ACCORDANCE WITH BF SEMI-51 UNTIL PROCEDURES ARE PROPERLY REVISED TO SPECIFICALLY DEFINE THE INSPECTION REQUIREMENTS, RESPONSIBILITIES AND DOCUMENTATION OF RESULTS.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	YES	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:  
CONCERN SUBSTANTIATED. PROCEDURES INDICATE WEAKNESSES IN AREAS OF DESIGN CONTROL, PROCEDURE DEFINITION, AND QA RECORDS THAT SHOULD BE STRENGTHENED PRIOR TO CONTINUING WORK.

RECOMMENDED CORRECTIVE ACTION:  
PROVIDE ASSURANCE THAT PREVIOUS WORK IS APPROPRIATELY DOCUMENTED WITH RESPECT TO INSPECTION EFFORT STATUS FOR A HISTORICAL RECORD. ALSO PROVIDE COUNSELING TO SUPERVISOR ON RESPONSE TO ENSURE WORK IS BEING DONE IN ACCORDANCE WITH PROCEDURES OR WORK STOPPED.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	YES	ADDITIONAL TRAINING:	YES
		OTHER:	NO

ECPN100J  
SSSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 205  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-199-01  
CATEGORY: QA QA  
SUBCATEGORY: 80602 MANAGEMENT DIRECTED DEVIATIONS  
SUBJECT: PERFORMANCE OF WORK NOT IN ACCORDANCE WITH PROCEDURE.  
RE.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 06/09/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 06/25/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. FORMAL TRANSMITTAL TO SITE 4/25/86. LINE RESPONSE ON 6/9 AND DEEMED ACCEPTABLE. FINAL DISCUSSION WITH CI ON 6/25/86. CLOSURE WAS HELD OPEN DUE TO QUESTION ON CLOSURE BEFORE C/A COMPLETE BUT LATER CLO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 207  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-200-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70300 WORK SCHEDULES  
SUBJECT: EMPLOYEE LIFE ENDANGERMENT DUE TO MANDATORY OVERTIME REQUIREMENTS.

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 03/05/86  
REPORT SUBMITTED: 07/11/86  
REPORT ISSUED: 07/15/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED: 08/06/86

KEYWORDS

A: PERSONNEL FEELINGS B: OVERTIME  
D: E:

C:  
F:

----- CONCERN -----

EMPLOYEE IS CONCERNED FOR HIS SAFETY IN BEING FORCED TO WORK OVERTIME (MIDNIGHT TO NOON) AND REFUSES TO WORK OVERTIME.

----- FINDING SUMMARY -----

CI SCHEDULED FOR 12 HOUR WORKDAYS WHICH WAS INTERRUPTED WEEKLY BY DAY-SHIFT TRAINING AT POTC. ASKED FOR SCHEDULE CHANGE & WAS REFUSED. GOT 8 HOURS OVERTIME EACH SHIFT AND WAS SUSPENDED.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/12/87  
INVESTIGATION BEGUN: 03/26/86  
INVESTIGATION COMPLETED: 05/16/86  
QA VERIFICATION:

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 208  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-200-01 LAST UPDATE: 01/12/87  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70300 WORK SCHEDULES  
SUBJECT: EMPLOYEE LIFE ENDANGERMENT DUE TO MANDATORY OVERTIME REQUIREMENTS.

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:  
MGMT SCHEDULING OVERTIME TO PREVENT RECURRING JOB DELAY DUE TO LACK OF  
MANPOWER. 12 HOUR SHIFTS, 5 DAYS PER WEEK. INTERRUPTION BY TRAINING AND  
TRAVEL CAUSED INCONVENIENCE, BUT REFUSAL TO WORK CONSTITUTES INSUBORDINATION.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 210  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-200-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70300 WORK SCHEDULES  
SUBJECT: EMPLOYEE LIFE ENDANGERMENT DUE TO MANDATORY OVERTIME REQUIREMENTS.

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:

INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. FINAL CONVERSATION  
HELD WITH CI ON 08/06/86 AND CONCERN CLOSED. CI DISAGREED WITH RESOLUTION.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 212  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-200-02 LAST UPDATE: 01/13/87  
CATEGORY: QA QA  
SUBCATEGORY: 80113 MANAGEMENT/SUPERVISION  
SUBJECT: QC INSPECTORS ARE TOLD TO SIGN OFF HOLD POINTS BY  
THEIR SUPERVISORS.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: YES DIF PROF OPIN: NO  
CORRECTIVE ACTION: YES

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 03/05/86 LINE RESPONSE:  
REPORT SUBMITTED: 12/03/86 REFERRED TO IG:  
REPORT ISSUED: 12/12/86 LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: INSPECTION B: SUPERVISION C:  
D: E: F:

----- CONCERN -----

QC INSPECTORS ARE TOLD TO SIGN OFF HOLD POINTS BY THEIR SUPERVISORS.

----- FINDING SUMMARY -----

AN INCONSISTENT APPLICATION OF ACCEPTANCE CRITERIA FOR PIPE PITTING RE  
SULTED IN THE ACCEPTANCE OF AN UNACCEPTABLE CONDITION.

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE: 01/12/87  
INVESTIGATOR: TFN INVESTIGATION BEGUN: 03/26/86  
INVESTIGATION NO: INVESTIGATION COMPLETED: 12/01/86  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 213  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-200-02  
CATEGORY: QA QA  
SUBCATEGORY: 80113 MANAGEMENT/SUPERVISION  
SUBJECT: QC INSPECTORS ARE TOLD TO SIGN OFF HOLD POINTS BY  
THEIR SUPERVISORS.

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
THERE WAS SOME UNDUE ACTIONS/REACTIONS BY THE PARTIES INVOLVED. A QC SUPERVISOR PROVIDED AN IMPROPER INTERPRETATION ON AN INSPECTION. INCONSISTENCIES IN THE APPLICATION OF ACCEPTANCE CRITERIA LED TO QUESTIONING OF ACCEPTABILITY BY CRAFT PERSONNEL.

RECOMMENDED CORRECTIVE ACTION:  
PREPARE DISCREPANCY REPORT TO DOCUMENT THE INSPECTION DISCREPANCY ON THE RHR HEAT EXCHANGE INSTALLATION.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:  
HARDWARE REPAIR:  
PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:  
DISCIPLINARY ACTION:  
ADDITIONAL TRAINING:  
OTHER:

YES

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 215  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-200-02  
CATEGORY: QA QA  
SUBCATEGORY: 80113 MANAGEMENT/SUPERVISION  
SUBJECT: QC INSPECTORS ARE TOLD TO SIGN OFF HOLD POINTS BY  
THEIR SUPERVISORS.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:

INVESTIGATION STILL LACKS SOME CONFIRMATION OF RESULTS OF PREVIOUS INS  
PECTIONS PERFORMED BY THE INSPECTOR. ASSIGNED TO TFN. LAST DISCUSSION  
WITH THE CI ON 08/06/86.

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 217  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-212-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71900 PAY  
SUBJECT: TVA POLICY DEVIATION ON SALARIES WHERE SAME JOB IS  
DONE BY DIFFERENT PERSONNEL

LAST UPDATE: 01/12/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY

BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 03/07/86  
REPORT SUBMITTED: 06/23/86  
REPORT ISSUED: 07/07/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 07/24/86  
CONCERN CLOSED: 07/24/86

KEYWORDS

A: SUPERVISION  
D:

B: SALARY ISSUES  
E:

C:  
F:

----- CONCERN -----

TVA'S POLICY DEVIATES WHEN APPLIED TO SALARIES WHERE THE SAME JOB IS ACCOMPLISHED BY DIFFERENT PERSONNEL.

----- FINDING SUMMARY -----

ACCORDING TO SUPERVISOR OF THE CI, THE CI HAS BEEN FILLING A DIFFERENTLY CLASSIFIED POSITION FOR SOME TIME. THE SUPERVISOR LATER INDICATED THAT POSITION HAD TO BE ANNOUNCED THROUGH TVA POSITION VACANCY ANNOUNCEMENT AND ADVERTISED.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 05/13/86  
INVESTIGATION COMPLETED: 06/11/86  
QA VERIFICATION:

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 218  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-212-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71900 PAY  
SUBJECT: TVA POLICY DEVIATION ON SALARIES WHERE SAME JOB IS  
DONE BY DIFFERENT PERSONNEL

LAST UPDATE: 01/12/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

MGMT NOT DEEMED TO PURPOSELY MISUSE INDIVIDUAL'S CAPABILITIES IN A HIGHER LEVEL POSITION WITHOUT ACTION TO PROVIDE MEANS FOR PROMOTION. TIME LINESS IN PROCESS OF JOB DESCRIPTION, FACTORING AND ANNOUNCEMENT WAS VERY LENGTHY.

RECOMMENDED CORRECTIVE ACTION:  
NONE

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	INFORMATION PROGRAM ACTIVITIES:
HARDWARE REPAIR:	DISCIPLINARY ACTION:
PROCEDURE CHANGE:	ADDITIONAL TRAINING:
	OTHER:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 220  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-212-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71900 PAY  
SUBJECT: TVA POLICY DEVIATION ON SALARIES WHERE SAME JOB IS  
DONE BY DIFFERENT PERSONNEL

LAST UPDATE: 01/12/87

----- KEY MILESTONES -----

DATE: 09/26/86  
STATUS:

INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. FINAL REPORT SENT T  
O LINE ON 07-07-86. FINAL COMMUNICATION WITH CI ON 7/24/86.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 222  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-214-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30100 MECHANICAL EQUIPMENT RELIABILITY/DESIGN  
SUBJECT: NEED FOR REPLACEMENT OF RHR HEAT EXCHANGERS DUE TO  
POCR DESIGN & OPERATING HISTORY  
LAST UPDATE: 01/06/87

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: JMP RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: YES  
CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 03/12/86  
REPORT SUBMITTED: 10/21/86  
REPORT ISSUED: 11/07/86  
LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED:  
CONCERN CLOSED:

KEYWORDS  
A: PERSONNEL FEELINGS B: PUBLIC RELATIONS C: ENGINEERING  
D: RADIATION PROTECTN E: F:

----- CONCERN -----

POSSIBLE LEAKS OF REACTOR WATER TO TENNESSEE RIVER FROM RHR HEAT EXCHANGER FLOATING HEAD GASKETED JOINT OR DEGRADED TUBE BUNDLE COULD OCCUR DUE TO DESIGN AND MATERIAL PROBLEMS COUPLED WITH LONG TERM DEGRADATION. BFN'S DECISION TO DELAY OR STRETCH OUT REPLACEMENT IS POLITICALLY UNSOUND, EVEN THOUGH IT SEEMS TO BE BOTH POLITICALLY AND ECONOMICALLY SOUND. ONE MORE SIGNIFICANT RIVER RELEASE COULD DESTROY BFN'S CREDIBILITY WITH NRC AND THE LOCAL PUBLIC. THE HEAT EXCHANGERS SHOULD BE REPLACED NOW.

----- FINDING SUMMARY -----

A PROBABLISTIC RISK ASSESSMENT WAS PERFORMED AND THE ACTUAL MEAN TIME BETWEEN FAILURES WAS 3.4 YEARS. 3C IS THE ONLY HEAT EXCHANGER THAT IS APPROACHING THE DNE REPLACEMENT CRITERIA. ALL RELEASES HAVE BEEN LESS THAN THE 10 CFR 20 APPENDIX B LIMITS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JMP  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:  
LAST UPDATE:  
INVESTIGATION BEGUN:  
INVESTIGATION COMPLETED:  
QA VERIFICATION:



TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 223  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-214-01  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30100 MECHANICAL EQUIPMENT RELIABILITY/DESIGN  
SUBJECT: NEED FOR REPLACEMENT OF RHR HEAT EXCHANGES DUE TO  
POOR DESIGN & OPERATING HISTORY

LAST UPDATE: 01/06/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

POSSIBLE LEAKS OF REACTOR WATER TO TENNESSEE RIVER FROM RHR HEAT EXCHANGER FLOATING HEAD GASKETED JOINT OR DEGRADED TUBE BUNDLE IS SUBSTANTIATED. ALL LERS THAT HAVE RESULTED IN LEAKAGE, WHETHER TO THE RIVER OR NOT, ARE ATTRIBUTABLE, AT LEAST PARTLY,

RECOMMENDED CORRECTIVE ACTION:

EXPEDITE IMPLEMENTATION OF ECN 2863 ON 2B HEAT EXCHANGERS. MONITOR EFFECTIVENESS THROUGH ONE OPERATING CYCLE ON 2B AND 2D AND MAKE A DETERMINATION ON WHETHER TO IMPLEMENT ON OTHER HEAT EXCHANGERS.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	YES	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:

BFN'S DECISION TO DELAY OR STRETCH OUT REPLACEMENT IS POLITICALLY UNSOUND BECAUSE ONE MORE SIGNIFICANT RIVER RELEASE COULD DESTROY BFN'S CREDIBILITY WITH NRC AND THE LOCAL PUBLIC IS PARTLY SUBSTANTIATED.

RECOMMENDED CORRECTIVE ACTION:

ESTABLISH A REPLACEMENT SCHEDULE TO REPLACE 3B AND 3D RHR HEAT EXCHANGERS. THIS SHOULD INCLUDE INITIATION OF A NEW DCR.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	YES	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	NO
		OTHER:	NO

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 225  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-214-01 LAST UPDATE: 01/06/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30100 MECHANICAL EQUIPMENT RELIABILITY/DESIGN  
SUBJECT: NEED FOR REPLACEMENT OF RHR HEAT EXCHANGES DUE TO  
POOR DESIGN & OPERATING HISTORY

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 03 LAST UPDATE:

CONCLUSION:  
THE TECHNICAL EVALUATION AND RISK ASSESSMENT PERFORMED INDICATE THAT  
REPLACEMENT OF ALL THE HEAT EXCHANGERS, AT THIS TIME, IS NOT ECONOMICA  
LLY JUSTIFIABLE.

RECOMMENDED CORRECTIVE ACTION:  
A STATEMENT CONFIRMATION SHOULD BE MADE TO SHOW THAT BFN HAS EVALUATED  
THE RHR HEAT EXCHANGER PROBLEM, ITS PLANNED RESOLUTION, AND THE ASSOC  
IATED RISK WILLING TO BE ACCEPTED.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION  
HARDWARE MODIFICATION: NO INFORMATION PROGRAM ACTIVITIES: NO  
HARDWARE REPAIR: NO DISCIPLINARY ACTION: NO  
PROCEDURE CHANGE: NO ADDITIONAL TRAINING: NO  
OTHER: YES

ITEM NUMBER: 04 LAST UPDATE:

CONCLUSION:  
DNE SHOULD IMMEDIATELY BEGIN PREPARATION OF A HEAT EXCHANGER SPECIFICA  
TION BECAUSE THERE WILL PROBABLY BE AT LEAST A ONE-YEAR LEAD TIME AFT  
ER THE SUCCESSFUL VENDOR RECEIVES THE CONTRACT UNTIL THE SITE DELIVERY  
DATE.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION  
HARDWARE MODIFICATION: INFORMATION PROGRAM ACTIVITIES:  
HARDWARE REPAIR: DISCIPLINARY ACTION:  
PROCEDURE CHANGE: ADDITIONAL TRAINING:  
OTHER:

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 227  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-214-01 LAST UPDATE: 01/06/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30100 MECHANICAL EQUIPMENT RELIABILITY/DESIGN  
SUBJECT: NEED FOR REPLACEMENT OF RHR HEAT EXCHANGES DUE TO  
POOR DESIGN & OPERATING HISTORY

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 05 LAST UPDATE:

CONCLUSION:  
BFN SHOULD CONTINUE TO CLOSELY MONITOR EDDY CURRENT TESTS TO DETERMINE  
IF IGSCC OR PITTING RATES SUDDENLY INCREASE ON ALL HEAT EXCHANGERS AND  
BE PREPARED TO EXPEDITIOUSLY REPLACE ANY OF REMAINING 10 HEAT EXCHAN  
GERS AS INDICATED BY EXPERIENCE.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:

HARDWARE REPAIR:

PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:

DISCIPLINARY ACTION:

ADDITIONAL TRAINING:

OTHER:

ECPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 229  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-214-01 LAST UPDATE: 01/06/87  
CATEGORY: OP PLANT OPER. SUPPORT  
SUBCATEGORY: 30100 MECHANICAL EQUIPMENT RELIABILITY/DESIGN  
SUBJECT: NEED FOR REPLACEMENT OF RHR HEAT EXCHANGES DUE TO  
POOR DESIGN & OPERATING HISTORY

----- KEY MILESTONES -----

DATE: 09/26/86

STATUS:  
INVESTIGATION BEGAN WEEK OF 6/23 BY J. PLEVA. LAST CONTACT WITH CI ON  
7/25/86. PAR PERFORMED AND AWAITING COMMENTS BY APPROPRIATE INDIVIDUAL  
S.

DATE: 12/18/86

STATUS:  
INVESTIGATION COMPLETE. LAST CONTACT WITH CI ON 12-11. FINAL REPORT SE  
NT TO EKS ON 10-21-86. REPORT SENT TO LINE 11-7-86. AWAITING LINE RESP  
ONSE.

CPN100J  
SSS-RHM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 231  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-215-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70400 OVERTIME  
SUBJECT: MANDATORY EMPLOYEE OVERTIME.

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: MA MAILER

CLASSIFICATION:  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: YES  
CORRECTIVE ACTION: YES

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY      BF:      BL:      SQ:      WB:      CH:      KX:

KEY DATES  
RECEIVED: 03/12/86      LINE RESPONSE: 06/06/86  
REPORT SUBMITTED: 03/24/86      REFERRED TO IG:  
REPORT ISSUED: 03/31/86      LAST-CI UPDATED: 06/17/86  
CONCERN CLOSED: 06/17/86

KEYWORDS

A:  
D:      B: OVERTIME  
E:

C:  
F:

----- CONCERN -----

EMPLOYEES SHOULD NOT BE FORCED TO WORK OVERTIME AGAINST THEIR WILL WHILE SOME OTHER EMPLOYEES WHO ARE QUALIFIED AND WILLING TO WORK INSTEAD ARE NOT ASKED. THIS HURTS MORALE, AFFECTS WORK PRODUCTION, AND HINDERS THE WORK OF TRYING TO START UP A UNIT AT BROWNS FERRY.

----- FINDING SUMMARY -----

A MEETING HELD BETWEEN BFN PERSONNEL & UNION REPS PROVIDED THAT MGMT WOULD ASSIGN OVERTIME. MGMT WILL ASK FOR VOLUNTEERS ON A UNIT BASIS, AND THEN, EXTEND REQUEST TO LIST OF ALL APPLICABLE ELECTRICIANS BEFORE FORCING MANDATORY OVERTIME.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: TFN  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE:  
INVESTIGATION BEGUN: 03/18/86  
INVESTIGATION COMPLETED: 03/20/86  
QA VERIFICATION:

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 232  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-215-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70400 OVERTIME  
SUBJECT: MANDATORY EMPLOYEE OVERTIME.

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

MGMT EXERCISED ITS DUE PREROGATIVE IN CONSIDERING GROUP OVERTIME. THE  
BINDING OF RULE DID WORK SOME UNFAIRNESS DUE TO GROUP SIZES AFTER REOR  
GANIZATION & REASONABLE CORRECTION HAS BEEN EFFECTED.

RECOMMENDED CORRECTIVE ACTION:

REVISE BF 19.15 TO INCLUDE BETTER LANGUAGE WITH REGARD TO THE GROUP TO  
BE CONSIDERED IN THE OFFERING OF OVERTIME.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	YES	ADDITIONAL TRAINING:	NO
		OTHER:	NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 234  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-215-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 70400 OVERTIME  
SUBJECT: MANDATORY EMPLOYEE OVERTIME.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 06/06/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 06/17/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED. REPORT TRANSMITTED  
TO SITE. SITE RESPONSE OF 6/6 EVALUATED AND ACCEPTABLE AND CI INFORMED  
OF RESULTS ON 6/17/86. CONCERN CLOSED WITH A NOTE TO THE FILE.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 236  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-220-01 LAST UPDATE: 01/13/87  
CATEGORY: QA QA  
SUBCATEGORY: 80600 GENERAL MANAGEMENT AND POLICY  
SUBJECT: PRESSURING OF QUALITY CONTROL INSPECTORS AND WORKERS BY CRAFT SUPERVISION TO APPROVE INSPECTIONS AND

SITE-REP: LOC. REPORTED: BF BROWNS FERRY  
INTERVIEWER: TFN RECEIPT MODE: MA MAILER

CLASSIFICATION  
SAFETY RELATED: SR NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO  
REPORTABLE: NO STOP WORK: NO  
SUBSTANTIATED: NO DIF PROF OPIN: NO  
CORRECTIVE ACTION: NO

GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES  
RECEIVED: 03/17/86 LINE RESPONSE: 06/16/86  
REPORT SUBMITTED: 11/28/86 REFERRED TO IG:  
REPORT ISSUED: 12/22/86 LAST-CI UPDATED: 08/04/86  
CONCERN CLOSED:

KEYWORDS  
A: HARASSMENT B: C:  
D: E: F:

----- CONCERN -----

EMPLOYEE X AND Y PRESSURED A QUALITY CONTROL INSPECTOR TO APPROVE AN INSPECTION THAT DID NOT MEET ACCEPTANCE CRITERIA. IF EMPLOYEE X AND Y WILL PRESSURE A QC INSPECTOR, WHAT PRESSURE DO THEY APPLY ON TO BYPASS QUALITY?

----- FINDING SUMMARY -----

INSPECTOR NOT PRESSURED TO APPROVE AN INSPECTION.

----- LOCATION INVESTIGATION -----

LOCATION: BFN LAST UPDATE: 01/13/87  
INVESTIGATOR: TFN INVESTIGATION BEGUN: 03/26/86  
INVESTIGATION NO: INVESTIGATION COMPLETED: 04/15/86  
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:  
FINDING:



CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 237  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-220-01  
CATEGORY: QA QA  
SUBCATEGORY: 80600 GENERAL MANAGEMENT AND POLICY  
SUBJECT: PRESSURING OF QUALITY CONTROL INSPECTORS AND WORKERS BY CRAFT SUPERVISION TO APPROVE INSPECTIONS AND

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
INSPECTOR NOT PRESSURED TO APPROVE AN INSPECTION. A LESSER EXPERIENCED INSPECTOR COULD HAVE BEEN INTIMIDATED.

RECOMMENDED CORRECTIVE ACTION:  
REINSTRUCT CRAFT PERSONNEL AND THEIR SUPERVISION IN QA/QC PROGRAM AND THE CONSEQUENCES OF ANY PRESSURE ON QC INSPECTORS. RETRAIN QC AND MODIFICATIONS PERSONNEL REGARDING THEIR FUNCTIONS IN QA PROG. REASSIGN EMPLOYEE Y.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION: NO  
HARDWARE REPAIR: NO  
PROCEDURE CHANGE: NO

INFORMATION PROGRAM ACTIVITIES: NO  
DISCIPLINARY ACTION: YES  
ADDITIONAL TRAINING: YES  
OTHER: NO

ECPN100J  
ISSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 239  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-220-01  
CATEGORY: QA QA  
SUBCATEGORY: 80600 GENERAL MANAGEMENT AND POLICY  
SUBJECT: PRESSURING OF QUALITY CONTROL INSPECTORS AND WORKERS BY CRAFT SUPERVISION TO APPROVE INSPECTIONS AND

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 07/15/86  
STATUS:  
SITE REP CONCURS WITH LINE MANAGEMENT RESPONSE.

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. FORMAL TRANSMITTAL TO SITE 04/25/86. LINE RESPONSE DATED 06/16 CONCURRED WITH. DISCUSSION WITH CI ON 08/04/86 AND CONCERN INITIALLY CLOSED (CI DISAGREED WITH SCOPE OF INVESTIGATION AND CONCERN REOPENED ON 08/18).

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 241  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-239-01  
CATEGORY: QA QA  
SUBCATEGORY: 80500 DOCUMENT CONTROL AND RECORDS  
SUBJECT: CONTROLLED VENDOR MANUAL PROGRAM.

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION

SAFETY RELATED:	SR NUCLEAR SAFETY	CONFIDENTIAL:	YES
PROTECTED ACTIVITY:	(IH ONLY)	STOP WORK:	NO
REPORTABLE:	NO	DIF PROF OPIN:	NO
SUBSTANTIATED:	YES		
CORRECTIVE ACTION:	YES		

GENERIC APPLICABILITY    BF: Y    BL: Y    SQ: Y    WB: Y    CH: Y    KX: Y

KEY DATES

RECEIVED:	03/28/86	LINE RESPONSE:	
REPORT SUBMITTED:	07/17/86	REFERRED TO IG:	
REPORT ISSUED:	07/29/86	LAST-CI UPDATED:	09/19/86
		CONCERN CLOSED:	09/19/86

KEYWORDS

A: DOCUMENT CONTROL  
D:

B:  
E:

C:  
F:

----- CONCERN -----

THE TVA/BFN CONTROLLED VENDOR MANUAL PROGRAM MAKES NO PROVISION TO ENSURE THAT VENDOR MANUALS USED AND CONTROLLED ONSITE ARE THE LATEST EDITION.

----- FINDING SUMMARY -----

THE CONTROLLED VENDOR MANUAL PROGRAM AT BFN WAS INITIATED IN RESPONSE TO NRC GENERIC LETTER 83-28. SUBSEQUENT TO ISSUANCE, THE INSTITUTE OF NUC POWER ORGAN. FORMED A NUC. UTILITY TASK ACTION COMMITTEE TO DEVELOP AN INDUSTRY APPROACH TO ACTIONS REQUIRED

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JNH  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACTION REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 06/10/86  
INVESTIGATION COMPLETED: 07/11/86  
QA VERIFICATION:

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 242  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-239-01  
CATEGORY: QA QA  
SUBCATEGORY: 80500 DOCUMENT CONTROL AND RECORDS  
SUBJECT: CONTROLLED VENDOR MANUAL PROGRAM.

LAST UPDATE: 01/13/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:  
VENDOR MANUAL PROGRAM DOES NOT ENSURE INFO FOR SAFETY RELATED COMPONENTS IS COMPLETE & CURRENT.

RECOMMENDED CORRECTIVE ACTION:  
ENSURE THAT VENDOR INFORMATION (INCLUDING DRAWINGS) FOR ALL SAFETY RELATED COMPONENTS IS CURRENT AND COMPLETE FOR BFN COMPONENTS.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:		ADDITIONAL TRAINING:	NO
		OTHER:	YES

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:  
NO FORMAL MECHANISM TO ENSURE THAT IDENTIFIED PROBLEMS WITH VENDOR MANUALS ARE RESOLVED.

RECOMMENDED CORRECTIVE ACTION:  
PROVIDE DETAILED INSTRUCTIONS & TRAINING WHICH DEFINE THE RESPONSIBILITIES OF ALL PERSONNEL INVOLVED IN THE VENDOR INFORMATION PROGRAM AND THE RESOLUTION OF VENDOR MANUAL DISCREPANCIES.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:	NO	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	YES	ADDITIONAL TRAINING:	YES
		OTHER:	NO

CPN100J  
SSS-RWM

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 244  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-239-01  
CATEGORY: QA QA  
SUBCATEGORY: 80500 DOCUMENT CONTROL AND RECORDS  
SUBJECT: CONTROLLED VENDOR MANUAL PROGRAM.

LAST UPDATE: 01/13/87

----- KEY MILESTONES -----

DATE: 09/10/86  
STATUS:  
LINE MGMT RESPONSE

DATE: 09/19/86  
STATUS:  
SITE REP CONCURS WITH LINE MGMT RESPONSE

DATE: 09/26/86  
STATUS:  
INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. REPORT TO LINE ON 7/29/  
86. SITE RESPONSE OF 9/10/86 EVALUATED AND ACCEPTABLE AND CI INFORMED  
OF RESULTS ON 9/19/86. THIS CONCERN IS CONSIDERED CLOSED.

TENNESSEE VALLEY AUTHORITY  
OFFICE OF NUCLEAR POWER  
EMPLOYEE CONCERN PROGRAM  
CONCERN TRACKING INFORMATION

PAGE 246  
TIME 15:55:48  
DATE 02/06/87

CONCERN NO: ECP-86-BF-240-01  
CATEGORY: MP MGT. & PERS. ISSUES  
SUBCATEGORY: 71800 EMPLOYMENT  
SUBJECT: EMPLOYMENT OF RELATIVES OF PERSONNEL CLERKS.

LAST UPDATE: 01/13/87

SITE-REP:  
INTERVIEWER: TFN

LOC. REPORTED: BF BROWNS FERRY  
RECEIPT MODE: WI WALK-IN

CLASSIFICATION  
SAFETY RELATED: NO NUCLEAR SAFETY  
PROTECTED ACTIVITY: (IH ONLY)  
REPORTABLE: NO  
SUBSTANTIATED: NO  
CORRECTIVE ACTION: NO

CONFIDENTIAL: NO  
STOP WORK: NO  
DIF PROF OPIN: NO

GENERIC APPLICABILITY BF: BL: SQ: HB: CH: KX:

KEY DATES

RECEIVED: 03/28/86  
REPORT SUBMITTED: 05/29/86  
REPORT ISSUED: 07/07/86

LINE RESPONSE:  
REFERRED TO IG:  
LAST-CI UPDATED: 07/10/86  
CONCERN CLOSED: 07/10/86

KEYWORDS

A: PERSONNEL FEELINGS  
D:

B:  
E:

C:  
F:

----- CONCERN -----

EMPLOYEE HAS BEEN TOLD THAT BECAUSE OF HER POSITION AS PERSONNEL CLERK THAT HER IMMEDIATE RELATIVES CANNOT BE CONSIDERED FOR EMPLOYMENT AT BFN. SHE PERSONALLY KNOWS OF SEVERAL CONTRADICTORY CASES.

----- FINDING SUMMARY -----

THE SON OF PERSONNEL CLERK WHO HANDLES BFN VACANT POSITION REQUISITION S FILED APPLICATION FOR EMPLOYMENT WITH TVA. HE WAS REQUESTED BY NAME FOR VACANT POSITIONS BUT HIS NAME NEVER APPEARED ON SUBMISSION LIST. C I QUESTIONED THIS.

----- LOCATION INVESTIGATION -----

LOCATION: BFN  
INVESTIGATOR: JHB  
INVESTIGATION NO:  
PRIORITY: CORRECTIVE ACT REFERENCE:  
FINDING:

LAST UPDATE: 01/13/87  
INVESTIGATION BEGUN: 04/15/86  
INVESTIGATION COMPLETED: 05/05/86  
QA VERIFICATION: