

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

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

ITEM NUMBER: 01 LAST UPDATE:

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

RECOMMENDED CORRECTIVE ACTION:
THE CRAFT FOREMAN SHOULD BE APPROPRIATELY FORMALLY DISCIPLINED WITH RE
GARD 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 SHO
ULD BE COUNSELED ON OBLIGATIONS/RESPONSIBILITIES IN CREATING A CONDUCT
IVE 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 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-077-01 LAST UPDATE: 01/12/87
CATEGORY: IH INTIMIDTNS&HARRASHMT
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.

CONCERN NO: ECP-86-BF-077-02 LAST UPDATE: 06/03/87
CATEGORY: IH INTIMIDTNS&HARRASHMNT
SUBCATEGORY: 60200 HARASSMENT-OTHER
SUBJECT: EMPLOYEE INTIMIDATION AND HARASSMENT.

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

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY
PROTECTED ACTIVITY: YES (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:
RESTART APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 02/11/86 LINE RESPONSE:
REPORT SUBMITTED: 03/17/86 REFERRED TO IG:
REPORT ISSUED: 03/21/86 LAST-CI UPDATED: 03/27/86
CONCERN RESOLVED: 03/27/86 CONCERN CLOSED: 03/27/86

KEYWORDS

A: HARASSMENT B: C:
D: GENERAL FOREMAN E: F:

----- CONCERN -----

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

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

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

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

LOCATION: BFN LAST UPDATE:
INVESTIGATOR: TFN INVESTIGATION BEGUN: 02/27/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 03/03/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

ECPN1003
ISSS-RWM

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

PAGE 88
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-077-02 LAST UPDATE: 06/03/87
CATEGORY: IH INTIMIDTNS&HARRASMNT
SUBCATEGORY: 60200 HARASSMENT-OTHER
SUBJECT: EMPLOYEE INTIMIDATION AND HARASSMENT.

----- 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

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.

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

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: YLS
GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:
RESTART 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 IG:
REPORT ISSUED: 04/25/86 LAST-CI UPDATED: 06/19/86
CONCERN RESOLVED: 06/19/86 CONCERN CLOSED:

KEYWORDS

A: QUALIFICATION B: C:
D: E: 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 LAST UPDATE: 11/26/86
INVESTIGATOR: TFN INVESTIGATION BEGUN: 02/19/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 03/28/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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

ECPN100J
ISSS-RWM

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

PAGE 95
TIME 08:30:27
DATE 07/15/87

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.

----- 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.

CONCERN NO: ECP-B6-SF-082-01 LAST UPDATE: 06/03/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL
SUBJECT: LEGIBILITY OF FLOW AND MECHANICAL DRAWINGS.

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

CLASSIFICATION

SAFETY RELATED:	NO	NUCLEAR SAFETY	CONFIDENTIAL:	NO		
PROTECTED ACTIVITY:	(IH ONLY)		STOP WORK:	NO		
REPORTABLE:	NO		DIF PROF OPIN:	NO		
SUBSTANTIATED:	YES					
CORRECTIVE ACTION:	NO					
GENERIC APPLICABILITY	BF:	BL:	SQ:	WB:	CH:	KX:
RESTART APPLICABILITY	BF:	BL:	SQ:	WB:	CH:	KX:

KEY DATES

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

KEYWORDS

A: DRAWINGS	B:	C:
D:	E:	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	LAST UPDATE:	01/12/87
INVESTIGATOR:	TFN	INVESTIGATION BEGUN:	02/19/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	03/11/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

ECPN100J
ISSS-RWM

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

PAGE 98
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-082-01 LAST UPDATE: 06/03/87
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

ECPN100J
ISSS-RWM

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

PAGE 100
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-082-01 LAST UPDATE: 06/03/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL
SUBJECT: LEGIBILITY OF FLOW AND MECHANICAL DRAWINGS.

----- 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.

CONCERN NO: ECP-86-BF-084-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91000 UNSAFE CONDITIONS
SUBJECT: UNSAFE WORKING AND OPERATING CONDITIONS IN THE WATER TREATMENT PLANT.

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: YES DIF PROF OPIN: NO
CORRECTIVE ACTION: NO
GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:
RESTART APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 02/14/86 LINE RESPONSE:
REPORT SUBMITTED: 07/11/86 REFERRED TO IG:
REPORT ISSUED: 07/10/86 LAST-CI UPDATED:
CONCERN RESOLVED: 08/02/86 CONCERN CLOSED: 08/02/86

KEYWORDS

A: SAFETY CONDITION B: C: PIPING
D: PUMPS E: 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 LAST UPDATE: 01/12/87
INVESTIGATOR: KAS INVESTIGATION BEGUN: 05/28/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 06/06/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

CONCERN NO: ECP-86-BF-084-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91000 UNSAFE CONDITIONS
SUBJECT: UNSAFE WORKING AND OPERATING CONDITIONS IN THE WATER TREATMENT PLANT.

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

ITEM NUMBER: 01 LAST UPDATE:

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

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

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 105
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-084-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91000 UNSAFE CONDITIONS
SUBJECT: UNSAFE WORKING AND OPERATING CONDITIONS IN THE WATER TREATMENT PLANT.

----- 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.

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.

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

CLASSIFICATION

SAFETY RELATED:	NO	NUCLEAR SAFETY	CONFIDENTIAL:	YES		
PROTECTED ACTIVITY:	(IH ONLY)		STOP WORK:	NO		
REPORTABLE:	NO		DIF PROF OPIN:	NO		
SUBSTANTIATED:	NO					
CORRECTIVE ACTION:	YES					
GENERIC APPLICABILITY	BF:	BL:	SQ:	WB:	CH:	KX:
RESTART APPLICABILITY	BF:	BL:	SQ:	WB:	CH:	KX:

KEY DATES

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

KEYWORDS

A: SAFETY CONDITION B: C:
D: E: 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	LAST UPDATE:	
INVESTIGATOR:	TFN	INVESTIGATION BEGUN:	01/15/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	02/12/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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

ECPN100J
ISSS-RWH

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

PAGE 110
TIME 08:30:27
DATE 07/15/87

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.

----- 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.

CONCERN NO: ECP-86-BF-109-01 LAST UPDATE: 06/03/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING
SUBJECT: LEAKAGE FROM BUILDING HEATING WATER PUMP.

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

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO
REPORTABLE: NO STOP WORK: NO
SUBSTANTIATED: YES DIF PROF OPIN: NO
CORRECTIVE ACTION: NO
GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:
RESTART 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:
CONCERN RESOLVED: 03/24/86 CONCERN CLOSED: 03/24/86

KEYWORDS

A: SAFETY CONDITION B: C:
D: PUMPS E: 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 UD ORIGINATE MAINTENANCE REQUEST A-631223, 02/06/86, FILED AS A NORMAL CONSEQUENCE AFTER OBSERVANCE OF PACKING

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

LOCATION: BFN LAST UPDATE:
INVESTIGATOR: TFN INVESTIGATION BEGUN: 02/27/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 02/28/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

ECPN100J
ISSS-RWM

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

PAGE 113
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-109-01 LAST UPDATE: 06/03/87
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

ECPN1000
ISSS-RWM

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

PAGE 115
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-109-01 LAST UPDATE: 06/03/87
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.

CONCERN NO: ECP-86-BF-110-01 LAST UPDATE: 06/03/87
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 DPIN: NO
CORRECTIVE ACTION: NO
GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:
RESTART 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 RESOLVED: 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 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:

ECPN1000
ISSS-RWM

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

PAGE 118
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-110-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS
SUBJECT: HAZARD DUE TO THE PLACEMNT 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
ISSS-RWM

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

PAGE 120
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-110-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 90601 ELECTRICAL -TEMPORARY LIGHTING AND CORDS
SUBJECT: HAZARD DUE TO THE PLACEMENT OF POWER CORDS.

----- 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.

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

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:
RESTART 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 RESOLVED: 06/17/86 CONCERN CLOSED:

KEYWORDS
A: MANAGEMENT B: C:
D: E: 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 NECESSARY. THIS COULD BE SOLVED BY CREW ROTATION.

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

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

----- 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:

ECPN100J
ISSS-RWM

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

PAGE 123
TIME 08:30:27
DATE 07/15/87

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

----- 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	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 125
TIME 08:30:27
DATE 07/15/87

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

----- 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.

CONCERN NO: ECP-86-BF-131-02 LAST UPDATE: 06/16/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 10600 BOLTING
SUBJECT: OVERSTRESSING OF ELECTRICAL CONDUIT STRAP BOLTING.

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

KEY DATES

RECEIVED:	02/21/86	LINE RESPONSE:	
REPORT SUBMITTED:	06/09/87	REFERRED TO IG:	
REPORT ISSUED:		LAST-CI UPDATED:	12/09/86
CONCERN RESOLVED:	06/16/87	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 VALUE.

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

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

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

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

ECPN100J
ISSS-RWH

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

PAGE 128
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-131-02 LAST UPDATE: 06/16/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 10600 BOLTING
SUBJECT: OVERSTRESSING OF ELECTRICAL CONDUIT STRAP BOLTING.

----- 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

CONCERN NO: ECP-86-BF-132-01 LAST UPDATE: 01/12/87
CATEGORY: DP PLANT OPER. SUPPORT
SUBCATEGORY: 30800 MAINTENANCE
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: PCM 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:
RESTART 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 RESOLVED: 06/17/86 CONCERN CLOSED:

KEYWORDS

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

----- CONCERN -----

SAME AS 86-BF-131-01

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

THERE IS SOME EVIDENCE THAT EMPLOYEES ARE ENCO RAGED BY SUPERVISIONS T
D REMAIN IN C-ZONES/RADIATION AREAS. THE ALARA SUPERV. INDICATED THAT
ALARA GROUP HAD RECENTLY BEEN INFORMED THAT SOME HAD BEEN TOLD THEY HA
D 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:

ECPN100J
ISSS-RWM

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

PAGE 133
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-132-01 LAST UPDATE: 01/12/87
CATEGORY: DP PLANT OPER. SUPPORT
SUBCATEGORY: 30800 MAINTENANCE
SUBJECT: UNNECESSARY RADIOLOGICAL EXPOSURE TO EMPLOYEES.

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

CONCERN NO: ECP-86-BF-138-01 LAST UPDATE: 06/03/87
CATEGORY: QA QA
SUBCATEGORY: 30801
SUBJECT: TO JUDGE CRAFTSMEN'S WORK.

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

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

KEY DATES
RECEIVED: 02/21/86 LINE RESPONSE:
REPORT SUBMITTED: 07/09/86 REFERRED TO IG:
REPORT ISSUED: 07/15/86 LAST-CI UPDATED: 07/24/86
CONCERN RESOLVED: 08/04/86 CONCERN CLOSED: 08/04/86

KEYWORDS
A: QUALIFICATION B: C:
D: INSPECTORS E: 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 LAST UPDATE:
INVESTIGATOR: TFN INVESTIGATION BEGUN: 03/26/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 06/20/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

ECPN100J
ISSS-RWM

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

PAGE 138
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-138-01 LAST UPDATE: 06/03/87
CATEGORY: QA QA
SUBCATEGORY: 30801
SUBJECT: TO JUDGE CRAFTSMEN'S WORK.

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

ECPN1003
ISSS-RWM

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

PAGE 140
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-138-01
CATEGORY: QA QA
SUBCATEGORY: 30801
SUBJECT: TO JUDGE CRAFTSMEN'S WORK.

LAST UPDATE: 06/03/87

----- 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.

CONCERN NO: ECP-86-BF-141-01 LAST UPDATE: 06/03/87
CATEGORY: CD CONSTRUCTION
SUBCATEGORY: 19100 ELEC. EQUIPMENT
SUBJECT: BREACHING OF ELECTRICAL PENETRATIONS WITH UNAPPROVED TOOLS.

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

CLASSIFICATION

SAFETY RELATED:	SR NUCLEAR SAFETY	CONFIDENTIAL:	NO
PROTECTED ACTIVITY:	(IH ONLY)	STOP WORK:	NO
REPORTABLE:	NO	DIF PROF OPIN:	NO
SUBSTANTIATED:	YES		
CORRECTIVE ACTION:	NO		
GENERIC APPLICABILITY	BF: BL: SQ: WB: CH: KX:		
RESTART APPLICABILITY	BF: BL: 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 RESOLVED:	04/14/86	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:			

ECPN100J
ISSS-RWM

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

PAGE 143
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-141-01 LAST UPDATE: 06/03/87
CATEGORY: CD CONSTRUCTION
SUBCATEGORY: 19100 ELEC. EQUIPMENT
SUBJECT: BREACHING OF ELECTRICAL PENETRATIONS WITH UNAPPROVED TOOLS.

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
CONCERN SUBSTANTIATED. UNAPPROVED WOODEN 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	INFORMATION PROGRAM ACTIVITIES:	NO
HARDWARE REPAIR:	NO	DISCIPLINARY ACTION:	NO
PROCEDURE CHANGE:	NO	ADDITIONAL TRAINING:	YES
		OTHER:	NO

ECPN1003
ISSS-RNM

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

PAGE 145
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-141-01 LAST UPDATE: 06/03/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 19100 ELEC. EQUIPMENT
SUBJECT: BREACHING OF ELECTRICAL PENETRATIONS WITH UNAPPROV
ED TOOLS.

----- 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.

CONCERN NO: ECP-B6-BF-143-D1 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.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: PCM 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: BL: SQ: WB: CH: KX:
RESTART APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 02/21/86 LINE RESPONSE:
REPORT SUBMITTED: 04/18/86 REFERRED TO IG:
REPORT ISSUED: 05/02/86 LAST-CI UPDATED: 09/18/86
CONCERN RESOLVED: 09/18/86 CONCERN CLOSED:

KEYWORDS

A: MANAGEMENT B: C:
D: E: 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 JUSTIFICATION/REQUIREMENTS.

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

LOCATION: BFN LAST UPDATE:
INVESTIGATOR: TFN INVESTIGATION BEGUN: 03/19/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 04/09/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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

ECPN1003
ISSS-RWH

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

PAGE 153
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-144-01 LAST UPDATE: 06/03/87
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
ISSS-RWM

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

PAGE 155
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-144-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 90601 ELECTRICAL -TEMPDRARY 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.

CONCERN NO: ECP-86-BF-154-01 LAST UPDATE: 06/03/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: INSTRUMENTATION AND CONTROL EMPLOYEES UNDER SUPERVISION OF ELECTRICIANS.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: TFN 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	BF:	BL:	SQ:	WB:	CH:	KX:	
RESTART 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:	03/31/86	LAST-CI UPDATED:	
CONCERN RESOLVED:	04/03/86	CONCERN CLOSED:	04/03/86

KEYWORDS

A: ORGANIZATION	B:	C:
D:	E:	F:

----- CONCERN -----

UNDER THE NEW BFN ORGANIZATION, I & C EMPLOYEES ARE UNDER THE DIRECT SUPERVISION OF ELECTRICIAN FOREMEN AND GENERAL FOREMEN.

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

MIXED CREW CONCEPT UTILIZED.

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

LOCATION:	BFN	LAST UPDATE:	
INVESTIGATOR:	TFN	INVESTIGATION BEGUN:	03/04/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	03/11/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

ECPN100J
ISSS-RWH

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

PAGE 158
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-154-01 LAST UPDATE: 06/03/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: INSTRUMENTATION AND CONTROL EMPLOYEES UNDER SUPERV
ISION OF ELECTRICIANS.

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
ALL QUALIFICATIONS REQUIREMENTS BEING MET WITH REGARD TO I&C SUPERVISO
RY POSITIONS AT BFN & THERE ARE NO DISCREPANCIES IN REGARD TO ADMIN. A
ND FUNCTIONAL SUPERVISION RESPONSIBILITIES FOR EMPLOYEES IN QUESTION.

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
ISSS-RWM

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

PAGE 160
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-154-01 LAST UPDATE: 06/03/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: INSTRUMENTATION AND CONTROL EMPLOYEES UNDER SUPERV
ISION OF ELECTRICIANS.

----- 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.

