

ECPN1003
ISSS-RWM

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

PAGE 331
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-B6-BF-380-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING
SUBJECT: TEMPERATURE RECORDERS DON'T HAVE THERMOCOUPLE DETECTION OPEN CIRCUIT FEATURE.

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

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:
UNTIL RECOMMENDATIONS A IS IMPLEMENTED, REPORT ANY MEASURABLE SCRAM TIME INCREASES FROM SI4.3.C. 1 & 2 TO THE INSTRUMENT DEPT. FOR POSSIBLE CORRECTIVE ACTION.

RECOMMENDED CORRECTIVE ACTION:

CORRECTIVE ACTION COMPLETION DATE:

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

CONCERN NO: ECP-B6-BF-380-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING
SUBJECT: TEMPERATURE RECORDERS DON'T HAVE THERMOCOUPLE DETECTION OPEN CIRCUIT FEATURE.

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

DATE: / /
STATUS:

DATE: / /
STATUS:

DATE: 09/26/86
STATUS:
INVESTIGATION COMPLETE. COMMUNICATION HAS ESTABLISHED THAT CI'S SUPERVISION WILL TRY TO RESOLVE CONCERN. REPORT SENT TO LINE ON 10/16/86.

DATE: 10/10/86
STATUS:
REPORT APPROVED

DATE: 12/18/86
STATUS:
INITIAL LINE RESPONSE DATED 11-6 IS NOT TOTALLY ACCEPTABLE. AWAITING NEW RESPONSE. LAST CONTACT WITH CI ON

DATE: 12/29/86
STATUS:
NEW RESPONSE DATED 12-9-86 IS STILL NOT TOTALLY UNACCEPTABLE. TFM ADVISED G T HALL OF THE PROBLEMS. AWAITING NEW RESPONSE

CONCERN NO: ECP-86-BF-381-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70900 PUBLIC SAFETY
SUBJECT: USE OF TVA VEHICLE IN RECKLESS MANNER.

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

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:	NO					
GENERIC APPLICABILITY	BF:	BL:	SQ:	WB:	CH:	KX:
RESTART APPLICABILITY	BF:	BL:	SQ:	WB:	CH:	KX:

KEY DATES

RECEIVED:	05/12/86	LINE RESPONSE:
REPORT SUBMITTED:	05/28/86	REFERRED TO IG:
REPORT ISSUED:	06/02/86	LAST-CI UPDATED:
CONCERN RESOLVED:	06/03/86	CONCERN CLOSED:

KEYWORDS

A: B: PUBLIC SAFETY C:
D: E: F:

----- CONCERN -----

(A TVA CONTRACTOR EMPLOYEE) WAS OBSERVED DRIVING THE SITE DIRECTOR'S RED JEEP IN A RECKLESS MANNER WITH SEVERAL PASSENGERS AND PEDESTRIANS AFFECTED.

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

DRIVER OF VEHICLE INTENDED TO TURN OFF MAIN PLANT ROAD INTO THE COMPLEX BUT ENTRANCE BLOCKED BY LIGHTING METAL POLES. DRIVER BRAKED AND TURNED BACK ONTO MAIN ROAD TO GO TO NEXT ENTRANCE. A LITTLE JERKY IN MOVEMENTS, BUT NO DANGER TO PASSENGERS.

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

LOCATION:	BFN	LAST UPDATE:	
INVESTIGATOR:	TFN	INVESTIGATION BEGUN:	05/08/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	05/12/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70900 PUBLIC SAFETY
SUBJECT: USE OF TVA VEHICLE IN RECKLESS MANNER.

LAST UPDATE: 01/13/87

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

DATE: 09/26/86

STATUS:

INVESTIGATION COMPLETE AND NOT SUB. INVESTIGATION REPORT TRANSMITTED TO
D SITE ON 06/02/86. DUE TO THE ANONYMOUS NATURE OF THE CONCERN AND INAB-
ILITY OF DETERMINATION AS TO WHOM TO NOTIFY AS TO THE RESULTS, CONCERN
WAS CLOSED WITH FILENOTE ON 06/03.

CONCERN NO: ECP-86-BF-382-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70300 WORK SCHEDULES
SUBJECT: SOME BFN EMPLOYEES ARE ALLOWED TO EXIT PLANT EARLY.

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

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY
PROTECTED ACTIVITY: (IH ONL?) 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: 05/13/86 LINE RESPONSE: 07/31/86
REPORT SUBMITTED: 06/23/86 REFERRED TO IGO:
REPORT ISSUED: 07/07/86 LAST-CI UPDATED: 08/12/86
CONCERN RESOLVED: 08/12/86 CONCERN CLOSED:

KEYWORDS

A: PERSONNEL FEELINGS B: EMPLOYEE PRACTICES C:
D: E: F:

----- CONCERN -----

TOOL ROOM CLERKS ARE NOT TREATED EQUALLY AS OTHER EMPLOYEES IN RELATION TO LEAVING THE PLANT AT QUITTING TIME.

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

MANY BFN EMPLOYEES EXIT PLANT WEST GATEHOUSE PRIOR TO 1530. THEY ARE EXITING GATEHOUSE PRIOR TO END OF THEIR DESIGNATED WORK SCHEDULE WITHOUT AUTHORIZATION. BFN PERSONNEL ARE NOT TO LEAVE DESIGNATED ASSEMBLY AREA AT END OF SHIFT UNTIL BUZZER SOUNDS.

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

LOCATION: BFN LAST UPDATE:
INVESTIGATOR: TFN INVESTIGATION BEGUN: 05/28/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 06/12/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

CONCERN NO: ECP-86-BF-382-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70300 WORK SCHEDULES
SUBJECT: SOME BFN EMPLOYEES ARE ALLOWED TO EXIT THE PLANT EARLY.

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
THE CONCERN WAS NOT SUBSTANTIATED. NO EMPLOYEES HAVE PERMISSION TO EXIT GATEHOUSE PRIOR TO BUZZER SOUNDING. DOING SO AT OWN RISK.

RECOMMENDED CORRECTIVE ACTION:
EMPHASIZE THAT MGRS BE RESPONSIBLE AND ACCOUNTABLE FOR EMPLOYEES UNDER THEIR AREA OF RESPONSIBILITY WHO EXIT GATEHOUSE PRIOR TO END OF SCHEDULED SHIFT WITHOUT ADEQUATE AUTHORIZATION.

CORRECTIVE ACTION COMPLETION DATE: 07/25/86

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

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:
CONSIDER REVISING STANDARD PRACTICE BF 19.12 SO THAT SUPPORT SERVICES INSTEAD OF PLANT QA BE RESPONSIBLE FOR CONDUCTING GATEHOUSE AUDITS TO IDENTIFY EMPLOYEES EXITING PRIOR TO END OF THEIR SCHEDULED SHIFT.

CORRECTIVE ACTION COMPLETION DATE: 07/25/86

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

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CONCERN NO: ECP-86-BF-382-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70300 WORK SCHEDULES
SUBJECT: SOME BFN EMPLOYEES ARE ALLOWED TO EXIT THE PLANT EARLY.

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

DATE: 07/31/86
STATUS:
LINE MGMT RESPONSE

DATE: 08/11/86
STATUS:
SITE REP CONCERNS WITH LINE MGMT RESPONSE

DATE: 09/26/86
STATUS:
INVESTIGATION COMPLETE. CONCERN RESOLUTION DISCUSSED WITH CI ON 8/12/86.

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

CONCERN NO: ECP-86-BF-389-01 LAST UPDATE: 04/30/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70601 MANAGEMENT PRACTICES
SUBJECT: EMPLOYEE NOT PROMOTED DUE TO MANAGEMENT DELAYING P
ROBATION STARTING DATE.

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

CLASSIFICATION

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

KEY DATES

RECEIVED: 05/19/86 LINE RESPONSE:
REPORT SUBMITTED: REFERRED TO IG: 01/30/87
REPORT ISSUED: LAST-CI UPDATED: 12/20/86
CONCERN RESOLVED: 04/02/87 CONCERN CLOSED:

KEYWORDS

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

----- CONCERN -----

CI FEELS THAT MANAGEMENT'S DELAY IN ESTABLISHING AN EFFECTIVE PROBATION PERIOD STARTING DATE HAS RESULTED IN HIM NOT OBTAINING A PROMOTION.

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

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

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

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CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70601 MANAGEMENT PRACTICES
SUBJECT: EMPLOYEE NOT PROMOTED DUE TO MANAGEMENT DELAYING P
 ROBATION STARTING DATE.

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

NO RECOMMENDATIONS FOUND

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CONCERN NO: ECP-86-BF-389-01 LAST UPDATE: 04/30/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70601 MANAGEMENT PRACTICES
SUBJECT: EMPLOYEE NOT PROMOTED DUE TO MANAGEMENT DELAYING P
ROBATION STARTING DATE.

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

DATE: 09/26/86
STATUS:
INVESTIGATION IN PROGRESS. EMPLOYEE CONTACTED ON 9-19-86. ASSIGNED TO
CRE.

DATE: 10/14/86
STATUS:
FORWARDED TO ECP MANAGER FOR TRANSMITTAL TO THE IG.

DATE: 01/05/87
STATUS:
ASSIGNED TO CRE. EMPLOYEE CONTACTED ON 12/20/86.

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DATE 07/15/87

CONCERN NO: ECP-86-BF-404-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70600 MGT. TECHNIQUES
SUBJECT: PROMOTION SELECTION FOR SG-2 PUBLIC SAFETY OFFICER

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

KEY DATES

RECEIVED: 05/20/86 LINE RESPONSE:
REPORT SUBMITTED: 07/28/86 REFERRED TO IGO: 08/01/86
REPORT ISSUED: 08/29/86 LAST-CI UPDATED: 07/18/86
CONCERN RESOLVED: 04/02/87 CONCERN CLOSED:

KEYWORDS

A: B: PROMOTIONS C:
D: E: F:

----- CONCERN -----

CI STATES HIS RECORDS WERE NOT CONSIDERED IN THE SELECTIONS FOR SG-2 P
UBLIC SAFETY OFFICER EVEN THOUGH CI WAS FULLY QUALIFIED AND THE UNION
PARTICIPATED IN THE SELECTION PROCESS IN THE SG-2 POSITIONS.

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

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

LOCATION: BFN LAST UPDATE:
INVESTIGATOR: TFN INVESTIGATION BEGUN: 06/04/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 07/12/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70600 MGT. TECHNIQUES
SUBJECT: PROMOTION SELECTION FOR SG-2 PUBLIC SAFETY OFFICER

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

NO RECOMMENDATIONS FOUND

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CONCERN NO: ECP-86-BF-404-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70600 MGT. TECHNIQUES
SUBJECT: PROMOTION SELECTION FOR SG-2 PUBLIC SAFETY OFFICER

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

DATE: 09/26/86

STATUS:

INVESTIGATION COMPLETE. HAVE CONFIRMED THAT CI'S CONCERN HAS BEEN INVESTIGATED BY IG - INVESTIGATION REPORT SENT TO LINE ON 08/29/86. LAST CONTACT WITH THE CI ON 07/18 WITH UPDATE.

DATE: 04/22/87

STATUS:

CONCERN CLOSED IN ACCORDANCE WITH ECP-1, SECTION 6.5.2, REV. 5, DATED MARCH 27, 1987.

CONCERN NO: ECP-86-BF-405-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70600 MGT. TECHNIQUES
SUBJECT: PROMOTION SELECTION FOR SG-2 PUBLIC SAFETY OFFICER

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: TFN RECEIPT MODE: W1 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: XX:
RESTART APPLICABILITY BF: BL: SQ: WB: CH: XX:

KEY DATES

RECEIVED: 05/20/86 LINE RESPONSE:
REPORT SUBMITTED: 07/28/86 REFERRED TO IG: 08/01/86
REPORT ISSUED: 08/08/86 LAST-CI UPDATED: 09/02/86
CONCERN RESOLVED: 04/02/87 CONCERN CLOSED:

KEYWORDS

A B: PROMOTIONS C:
D E: F:

----- CONCERN -----

CI WAS SELECTED FOR SG-2 PUBLIC SAFETY OFFICER BUT THE SELECTION WAS LATER RESCINDED. I FEEL I WAS FULLY QUALIFIED AND THAT MANAGEMENT AND THE UNION JOINTLY PARTICIPATED IN THE EVENTUAL SELECTION WHICH DID NOT CONSIDER ME.

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

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

LOCATION: BFN LAST UPDATE: 11/11/86
INVESTIGATOR: TFN INVESTIGATION BEGUN: 06/04/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 07/12/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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DATE 07/15/87

CONCERN NO: ECP-86-BF-405-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70600 MGT. TECHNIQUES
SUBJECT: PROMOTION SELECTION FOR SG-2 PUBLIC SAFETY OFFICER

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

NO RECOMMENDATIONS FOUND

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CONCERN TRACKING INFORMATION

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

CONCERN NO: ECP-B6-BF-405-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70600 MGT. TECHNIQUES
SUBJECT: PROMOTION SELECTION FOR SG-2 PUBLIC SAFETY OFFICER

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

DATE: 09/26/86

STATUS:

INVESTIGATION COMPLETE. INVESTIGATION REPORT SENT TO LINE 8/5/86. AWAITING INFO FROM THE IG BEFORE CLOSING CONCERN. LAST CONTACT WITH THE CI ON 9/2/86 - HC WAS EXITING IN TRANSFER TO REDSTONE ARSENAL-OBTAINED ADDRESS, ETC. FOR FUTURE CONTACT.

DATE: 04/22/87

STATUS:

CONCERN CLOSED IN ACCORDANCE WITH ECP-1 SECTION 6.5.2, REV. 5, DATED MARCH 27, 1987.

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DATE 07/15/87

CONCERN NO: ECP-B6-BF-418-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: QUALIFICATION OF CRAFT FOREMAN NOT POSSIBLE IN REORGANIZED MAINTENANCE CREWS (ANSI 3.1-1981)

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: TFN RECEIPT MODE: RG NRC

CLASSIFICATION

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

KEY DATES

RECEIVED:	05/23/86	LINE RESPONSE:	
REPORT SUBMITTED:		REFERRED TO IG:	
REPORT ISSUED:		LAST-CI UPDATED:	
CONCERN RESOLVED:	02/05/87	CONCERN CLOSED:	

KEYWORDS

A: QUALIFICATION	B: SUPERVISION	C:
D:	E: NRC	F: ECTG

----- CONCERN -----

THE NEW REORGANIZED MAINTENANCE CREWS THAT HAVE BEEN ESTABLISHED AT BROWNS FERRY MAKE IT POSSIBLE THAT A CRAFT FOREMAN MAY NOT BE QUALIFIED IN ACCORDANCE WITH ANSI 3.1-1981 TO SUPERVISE THE WORK ACTIVITIES. (R1 I-B6-A-0109). ECTG REPORT MP 71700.

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

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

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

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CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: QUALIFICATION OF CRAFT FOREMAN NOT POSSIBLE IN REO
ORGANIZED MAINTENANCE CREWS (ANSI 3.1-1981)

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

NO RECOMMENDATIONS FOUND

CONCERN NO: ECP-86-BF-418-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: QUALIFICATION OF CRAFT FOREMAN NOT POSSIBLE IN REORGANIZED MAINTENANCE CREWS (ANSI 3.1-1981)

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

DATE: 09/26/86

STATUS:

INVESTIGATION WAS BEGUN WEEK OF 6/23 WITH REVIEW OF ANSI STANDARD. ASSIGNED TO TFM. CONCERN CLOSELY ASSOCIATED WITH ECP-86-BF-154-01 WHICH IS CLOSED. PER MEMO EKS TO WRB, CONCERN WILL BE HANDLED WITH WBN ECTG. HOLDING CONCERN OPEN UNTIL FURTHER INS.

DATE: 11/20/86

STATUS:

MEMO FROM EKS TO NHRG REQUESTING REVIEW OF COMPOSITE MAINTENANCE CREW.

DATE: 04/22/87

STATUS:

RESPONSIBILITY FOR INVESTIGATION WAS TRANSFERRED TO THE WATTS BAR EMPLOYEE CONCERN TASK GROUP ON JULY 22, 1986.

CONCERN NO: ECP-86-BF-419-D1 LAST UPDATE: 03/12/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: TRANSFER OF PERSONNEL WOULD INCREASE OVERTIME AND
CREATE SHORTAGE OF PERSONNEL (R11-85-A-0208)

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: TFN RECEIPT MODE: RG NRC

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: NO
GENERIC APPLICABILITY BF: BL: SQ: WB: CH: KX:
RESTART APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 05/23/86 LINE RESPONSE:
REPORT SUBMITTED: 07/29/86 REFERRED TO IG:
REPORT ISSUED: 08/08/86 LAST-CI UPDATED: 08/14/86
CONCERN RESOLVED: 08/14/86 CONCERN CLOSED:

KEYWORDS

A: PERSONNEL FEELINGS B: ORGANIZATION C:
D: E: NRC F:

----- CONCERN -----

EIGHT ASSISTANT UNIT OPERATORS WERE TO BE TRANSFERRED FROM BFNP TO A F
OSSIL PLANT IN NOVEMBER, 1985 AND SOME UNIT OPERATORS WERE TO BE TRANS
FERRED FROM BELLEFONTE TO BFNP, INCREASING OVERTIME AND CREATING A SHO
RTAGE OF PERSONNEL. (R11-85-A-0208).

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

TEMP. ASSGMT. OF ASSIST. UNIT OPER. WAS TVA CORPORATE LEVEL MGMT DECIS
ION. TEMP. ASSGMT. INVOLVED 8 AUD'S, OF WHICH 3 VOLUNTEERED AND REMA
INING 5 WERE DRAFTED. SURVEILLANCE INSTRUCTION SCHEDULES WERE PERFORME
D TO DETERMINE IF DUE RATES WERE EXTENDE

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

LOCATION: BFN LAST UPDATE:
INVESTIGATOR: TFN INVESTIGATION BEGUN: 06/24/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 07/14/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

ECPN1003
ISSS-RWM

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

PAGE 366
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-419-01 LAST UPDATE: 03/12/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: TRANSFER OF PERSONNEL WOULD INCREASE OVERTIME AND
CREATE SHORTAGE OF PERSONNEL (R11-B5-A-0208)

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
SOME BFN AUD'S SUFFERED PERSONAL AND FAMILY HARDSHIPS AS RESULT OF TEM
P. REASSIGNMENT. DUE DATE EXTENSIONS WERE LESS WHILE BFN AUD'S WERE ON
TEMP. ASSIGN.

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:

ECPN1003
ISSS-RWM

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CONCERN TRACKING INFORMATION

PAGE 366
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-409-01 LAST UPDATE: 03/12/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70700 ORGANIZATION
SUBJECT: TRANSFER OF PERSONNEL WOULD INCREASE OVERTIME AND
CREATE SHORTAGE OF PERSONNEL (RII-85-A-0208)

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

DATE: 9/26/86

STATUS:
INVESTIGATION COMPLETE. CONCERN CLOSED WITH MEMO TO FILE STATING CONDI
TION OF CLOSURE.

DATE: 10/07/86

STATUS:
ECP REPORT ECP-86-BF-409-01 SE. TO NRC

CONCERN NO: ECP-86-BF-420-01 LAST UPDATE: 04/03/87
CATEGORY: OP PLANT OPER SUPPORT
SUBCATEGORY: 30500 ACCESSABILITY
SUBJECT: ACCESS TO SAFETY RELATED EQUIPMENT DURING AN EMERG
ENCY CONDITION (RII-86-A-0095)

SITE-REP: LOC REPORTED: BF BROWNS FERRY
INTERVIEWER: TFN RECEIPT MODE: RG NRC

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

KEY DATES
RECEIVED: 05/23/86 LINE RESPONSE:
REPORT SUBMITTED: REFERRED TO IG
REPORT ISSUED: LAST-CI UPDATED:
CONCERN RESOLVED: 02/07/87 CONCERN CLOSED:

KEYWORDS
A: SAFETY CONDITION B: IDENTIFICATION C: OPERATIONS
D: EQUIPMENT E: NRC F: ETC

----- CONCERN -----

THERE ARE OVER 300 KEYS TO THE VARIOUS ROOMS THROUGHOUT BFP WHICH CONTAIN SAFETY RELATED EQUIPMENT. THESE KEYS ARE POORLY IDENTIFIED AND POORLY CONTROLLED, CREATING A PROBLEM DURING A PLANT EMERGENCY. (RII-86-A-0095)

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

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

LOCATION: BFN LAST UPDATE: 11/26/86
INVESTIGATOR: CRE INVESTIGATION BEGUN:
INVESTIGATION NO: INVESTIGATION COMPLETED:
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

ECPN1000
ISSS-RWM

TENNESSEE VALLEY AUTHORITY
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CONCERN TRACKING INFORMATION

PAGE 371
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-420-01 LAST UPDATE: 04/03/87
CATEGORY: DP PLANT OPER SUPPORT
SUBCATEGORY: 30500 ACCESSABILITY
SUBJECT: ACCESS TO SAFETY RELATED EQUIPMENT DURING AN EMERG
ENCY CONDITION. (RII-86-A-0095)

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

NO RECOMMENDATIONS FOUND

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PAGE 373
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-420-01 LAST UPDATE: 04/03/87
CATEGORY: 04 PLANT OPER. SUPPORT
SUBCATEGORY: 30500 ACCESSABILITY
SUBJECT: ACCESS TO SAFETY RELATED EQUIPMENT DURING AN EMERG
ENCY CONDITION. (PII-86-A-0095)

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

DATE: 11/24/86
STATUS:
ECTG SENT NRC SQN ELEMENT REPORT: OP 31211

DATE: 01/05/87
STATUS:
ACCORDING TO MEMO EKS TO WRB, CONCERN WILL BE HANDLED BY WBN ECTG. CON
CERN BEING HELD OPEN UNTIL FUTHER INSTRUCTION.

CONCERN NO: ECP-86-BF-421-01 LAST UPDATE: 04/15/87
CATEGORY: EN ENGINEERING
SUBCATEGORY: 22405 SUPPORT OF CABLES
SUBJECT: ERRORS IN CABLE & CONDUIT SUPPORT CALCULATIONS AND
IMPROPER IMPLEMENTATION IN FIELD (R11-86-A-0119)

SITE-REP: LDC. REPOR. ED: BF BROWNS FERRY
INTERVIEWER: TFN RECEIPT MODE: EX EXIT INTERVIEW

CLASSIFICATION

SAFETY RELATED: SR 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:
RESTART APPLICABILITY BF: BL: SQ: WB: CH: KX:

KEY DATES

RECEIVED: 05/23/86 LINE RESPONSE: 01/12/87
REPORT SUBMITTED: 08/29/86 REFERRED TO IG:
REPORT ISSUED: 10/16/86 LAST-CI UPDATED: 02/05/87
CONCERN RESOLVED: 02/05/87 CONCERN CLOSED:

KEYWORDS

A: PROGRAMMATIC B: REWORK C: ENGINEERING
D: CONDUIT E: NRC F:

----- CONCERN -----

THERE ARE ERRORS IN ENGINEERING CALCULATIONS AND INADEQUATE NUMBER OF EMPLOYEES TO OPERATE THE STRUCTURAL DESIGN LANGUAGE (STRUDL) COMPUTER PROGRAM. CI OBSERVED (1) A POORLY LAIDOUT NETWORK OF CABLE TRAYS WITHOUT PROPER IDENTIFICATION OR EASY ACCESS, (2) THAT MANY OF THE CABLES AND CONDUITS WERE RIGIDLY CONNECTED TO THE BUILDING, AND (3) THAT THERE WERE SOME LOOSE CONNECTIONS AND THERE WERE INADEQUATE AND AN INSUFFICIENT NUMBER OF SUPPORTS AT SEVERAL PLACES. (R11-86-A-0119)

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

DURING REQUALIFICATION OF DEFICIENT CONDUIT SUPPORTS, ABOUT 1% OF THE CALCULATIONS WERE IN ERROR. DNE & NRC PERSONNEL ARE WORKING CLOSELY TO ENSURE THAT THE OVERALL SEISMIC PROGRAM IS ACCEPTABLE.

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

LOCATION: BFN LAST UPDATE: 12/30/86
INVESTIGATOR: JMP INVESTIGATION BEGUN: 06/23/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 07/07/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

ECN100
1555-RUN

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

PAGE 376
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-07-471-01 (LAST UPDATE: 04/15/87)
CATEGORY: EN ENGINEERING
SUBCATEGORY: 77405 SUPPORT OF CABLES
SUBJECT: ERRORS IN CABLE & CONDUIT SUPPORT CALCULATIONS AND
IMPROPER IMPLEMENTATION IN FIELD (R11-86-A-0119)

RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION

ITEM NUMBER: 01 (LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:
ENSURE THAT APPROPRIATE CONTROLS, FOR DISTURBING OR RECONFIGURING COND
UIT SUPPORTS ARE ADDRESSED IN MAINT AND MOD PROCEDURES. ALL RECONFIGUR
ATIONS SHOULD HAVE ONE APPROVAL WHICH MAY INCLUDE REANALYSIS AND/OR IS
SUANCE OF ENGINEERING DRAWINGS

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:

MADE ADD TO IMPROVE OVERALL QUALITY

RECOMMENDED CORRECTIVE ACTION:

CONDUIT SPI ADD WITH RESPECT TO CONF. MANG.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

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OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

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

CONCERN NO: ECP-86-BF-421-01
CATEGORY: EN ENGINEERING
SUBCATEGORY: 22405 SUPPORT OF CABLES
SUBJECT: ERRORS IN CABLE & CONDUIT SUPPORT CALCULATIONS AND
IMPROPER IMPLEMENTATION IN FIELD (R11-86-A-0119)

LAST UPDATE: 04/15/87

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

DATE: 09/26/86

STATUS:
INVESTIGATION COMPLETE. INVESTIGATION REPORT TO EKS ON 08/29/86.

DATE: 10/16/86

STATUS:
FINAL REPORT ISSUED

DATE: 12/18/86

STATUS:
RESPONSE NOT ADEQUATE AND ADDITIONAL INFO REQUESTED FROM LINE IN MEMOR
ANDUM DATED 12-9-86 (RESPONSE OR FOR RECOMMENDATIONS 1 & 5

DATE: 12/24/86

STATUS:
INVESTIGATION COMPLETE. INVESTIGATION REPORT TO LINE ON 10/16/86. RESP
ONSE FROM LINE DATED 11/20/86 WAS TRANSMITTED ON 11-26-86 FROM EKS TO
TFN

CONCERN NO: ECP-86-BF-431-01 LAST UPDATE: 04/06/87
CATEGORY: MC MATERIAL CONTROL
SUBCATEGORY: 40500 MATERIAL IDENTIFICATION
SUBJECT: TRACEABILITY OF BOLTING MATERIALS USED IN THE REPAIR OF PIPE SUPPORT HANGER BASE PLATES (IE-79-02).

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

CLASSIFICATION
SAFETY RELATED: SR NUCLEAR SAFETY
PROTECTED ACTIVITY: (IM ONLY) CONFIDENTIAL: NO
REPORTABLE: STOP WORK: NO
SUBSTANTIATED: YES DIF PROF OPIN: NO
CORRECTIVE ACTION: YES
GENERIC APPLICABILITY BF: Y BL: Y SO: Y WB: Y CH: XX
RESTART APPLICABILITY BF: BL: SO: WB: CH: XX

KEY DATES
RECEIVED: 05/23/86 LINE RESPONSE:
REPORT SUBMITTED: 02/19/87 REFERRED TO IG:
REPORT ISSUED: 02/26/87 LAST-CI UPDATED:
CONCERN RESOLVED: 02/26/87 CONCERN CLOSED:

KEYWORDS
A: TRACEABILITY B: MODIFICATION C:
D: BOLTING E: F:

----- CONCERN -----

CONCERNED INDIVIDUAL FEELS THAT BOLTS WERE USED ON 79-02 HANGER REPAIR WITHOUT MATERIAL TRACEABILITY. HE WAS TOLD BY 2 GENERAL FOREMEN THAT TRACEABILITY EXISTED WHEN THE BOLTS WERE USED, HOWEVER, AT THE TIME TRACEABILITY DOES NOT EXIST.

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

THE INVESTIGATION REVEALED THAT THE POTENTIAL EXISTS FOR NON QA BOLTS TO BE USED IN QA APPLICATIONS AT BFM.

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

LOCATION: BFM LAST UPDATE: 01/13/87
INVESTIGATOR: CRE INVESTIGATION BEGUN: 09/25/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 11/07/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

CONCERN NO: ECP-86-BF-442-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70900 PUBLIC SAFETY
SUBJECT: EVALUATION OF OVERALL SERVICE IN DISCIPLINE AND LEAVE ARE MISREPRESENTED IN SELECTION PROCESS FOR SG

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

KEY DATES

RECEIVED: 05/29/86 LINE RESPONSE:
REPORT SUBMITTED: REFERRED TO IG: 01/30/87
REPORT ISSUED: LAST-CI UPDATED:
CONCERN RESOLVED: 04/02/87 CONCERN CLOSED:

KEYWORDS

A: RECORDS B: PROMOTIONS C:
D: E: F:

----- CONCERN -----

CONCERNED INDIVIDUAL FEELS THAT EVALUATION OF HIS OVERALL SERVICE IN THE AREAS OF DISCIPLINE AND LEAVE RECORD ARE MISREPRESENTED IN SELECTION PROCESS FOR SG-2.

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

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

LOCATION: BFM LAST UPDATE: 02/17/87
INVESTIGATOR: JNL INVESTIGATION BEGUN:
INVESTIGATION NO: INVESTIGATION COMPLETED:
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
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CONCERN TRACKING INFORMATION

PAGE 388
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-442-01 LAST UPDATE: 04/22/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70900 PUBLIC SAFETY
SUBJECT: EVALUATION OF OVERALL SERVICE IN DISCIPLINE AND LE
 AVE ARE MISREPRESENTED IN SELECTION PROCESS FOR SG

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

NO RECOMMENDATIONS FOUND

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CONCERN TRACKING INFORMATION

PAGE 392
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-443-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL
SUBJECT: PROVISION OF NEEDS TO ENABLE EMPLOYEE TO PERFORM W
ORK.

SITE-REP:
INTERVIEWER: TFM

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	05/12/86	LINE RESPONSE:
REPORT SUBMITTED:	09/30/86	REFERRED TO IG:
REPORT ISSUED:	10/16/86	LAST-CI UPDATED:
CONCERN RESOLVED:	10/21/86	CONCERN CLOSED:

KEYWORDS

A: PERSONNEL FEELINGS B: COMMUNICATION C:
D: E: F:

----- CONCERN -----

CONCERNED INDIVIDUAL BELIEVES THAT HE IS BEING INTENTIONALLY IGNORED AND OTHERWISE BYPASSED IN ATTEMPTING TO DO HIS JOB BECAUSE THERE IS OPPORTUNITY TO HIM BEING SELECTED FOR THE JOB.

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

THE CI'S UPPER LEVEL SUPERVISION INDICATED THE CI HAS A LOGICAL COMPLAINT BUT DUE TO THE CIRCUMSTANCES, THE PROBLEMS WERE NOT RECOGNIZED BY HIS SUPERVISOR. NO INVESTIGATIVE EFFORT WAS PROVIDED BY BFM ECP OTHER THAN COMMUNICATIVE CONTACT WITH PARTIES.

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

LOCATION:	BFM	LAST UPDATE:	
INVESTIGATOR:	TFM	INVESTIGATION BEGUN:	05/15/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	09/11/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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PAGE 393
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-443-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70000 MANAGEMENT AND PERSONNEL
SUBJECT: PROVISION OF NEEDS TO ENABLE EMPLOYEE TO PERFORM W
ORK.

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

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

NONE. THE CONCERN ISSUES WERE NOT INVESTIGATED FOR DETERMINATION OF SU
BSTANTIATION BUT WERE REFERRED BACK TO LINE MANAGEMENT FOR DISPOSITION
WITH THE CI'S CONCURRENCE.

RECOMMENDED CORRECTIVE ACTION:

OFFICE SPACE WAS MADE AVAILABLE. A DESK TOP DRAWING BOARD WAS PROVIDED
AND CI WAS GIVEN HIS ANNUAL SERVICE REVIEW.

CORRECTIVE ACTION COMPLETION DATE: 07/28/86

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:
HARDWARE REPAIR:
PROCEDURE CHANGE:

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

YES

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TENNESSEE VALLEY AUTHORITY
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CONCERN TRACKING INFORMATION

PAGE 397
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-444-01
CATEGORY: MC MATERIAL CONTROL
SUBCATEGORY: 00000
SUBJECT: THEFT OF TVA PROPERTY

LAST UPDATE: 04/22/87

SITE-REP:
INTERVIEWER: TFM

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	05/30/86	LINE RESPONSE:	
REPORT SUBMITTED:		REFERRED TO IG:	08/21/86
REPORT ISSUED:		LAST-CI UPDATED:	
CONCERN RESOLVED:	04/02/87	CONCERN CLOSED:	

KEYWORDS

A: DRUGS/THEFT/WEAPON	B:	C:
D:	E:	F:

----- CONCERN -----

THEFT OF TVA PROPERTY

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

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

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

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PAGE 398
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-9F-444-01
CATEGORY: MC MATERIAL CONTROL
SUBCATEGORY: 0000J
SUBJECT: THEFT OF TVA PROPERTY

LAST UPDATE: 04/22/87

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

NO RECOMMENDATIONS FOUND

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PAGE 400
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-444-01
CATEGORY: MC MATERIAL CONTROL
SUBCATEGORY: 00000
SUBJECT: THEFT OF TVA PROPERTY

LAST UPDATE: 04/22/87

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

DATE: 09/26/86

STATUS:

NO INVESTIGATION BY THE ECP. SUMMARY SENT TO EKS ON 5/30/86 FOR REFERRAL TO THE IG. REQUEST MADE BY SAW TO IG FOR INVESTIGATION ON 8/21/86. ECP CASE FILE TRANSMITTED TO IG ON 8/26.

DATE: 04/22/87

STATUS:

CONCERN CLOSED IN ACCORDANCE WITH ECP-1, SECTION 6.5.2, REV. 5, DATED MARCH 27, 1987.

ECPN100J
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TENNESSEE VALLEY AUTHORITY
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TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-532-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 72000 PERS. RECORDS
SUBJECT: MANAGEMENT DISCIPLINE FOR UNAPPROVED ABSENCE.

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	06/04/86	LINE RESPONSE:	10/01/86
REPORT SUBMITTED:	08/19/86	REFERRED TO IG:	
REPORT ISSUED:	09/10/86	LAST-CI UPDATED:	10/22/86
CONCERN RESOLVED:	10/31/86	CONCERN CLOSED:	

KEYWORDS

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

----- CONCERN -----

CONCERNED INDIVIDUAL WAS DISCIPLINED IN 1984, BUT WAS TOLD THAT IT WAS REMOVED FROM HIS FILE-UPON BEING DISCIPLINED IN JUNE, 1986. HE WAS REMINDED OF THE 2 DISCIPLINARY ACTIONS.

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

FOREMAN PROVIDED WRITTEN NOTE TO GEN. FOREMAN. GEN FOREMAN WROTE NOTE TO AREA MGR. REQUESTING PERSONNEL ISSUE A LETTER DOCUMENTING VERBAL WARNING. NOTE INDICATED UNAUTHORIZED ABSENCE BE REMOVED AT END OF CI'S CONTRACT. LETTER TO CI INDICATING UNAUTH.

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

LOCATION:	BFN	LAST UPDATE:	
INVESTIGATOR:	TFN	INVESTIGATION BEGUN:	06/30/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	07/29/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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

CONCERN NO: ECP-86-BF-532-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 72000 PERS. RECORDS
SUBJECT: MANAGEMENT DISCIPLINE FOR UNAPPROVED ABSENCE.

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

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:
ACCORDING TO INFORM. FROM SUPV. & JOB STEWARDS NO AGREEMENT TO REMOVE THE UNEXCUSED ABSENCE OR WARNING WAS MADE.

RECOMMENDED CORRECTIVE ACTION:
REMOVE WARNING LETTER FOR MAY 1986 UNEX. ABSENCE FROM ALL TVA FILES & REPLACE WITH AN INDICATION OF A VERBAL WARNING.

CORRECTIVE ACTION COMPLETION DATE: 10/01/86

CLASSIFICATION OF CORRECTIVE ACTION

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

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:
EVEN THOUGH IT IS RECOGNIZED ANY LEVEL OF DISCIPLINE MAY BE BYPASSED. FACTORS SUCH AS INTENT & SEVERITY CANNOT BE JUSTIFIED TO MERIT WRITTEN WARNING FOR UNEXCUSED ABSENCES THAT ARE 18 MONTHS APART.

RECOMMENDED CORRECTIVE ACTION:
REVISE BFM POLICY TO SPECIFY THE TIMESPAN BETWEEN UNAUTHORIZED ABSENCES BEFORE DISCIPLINE ACTION IS ESCALATED TO THE NEXT STEP.

CORRECTIVE ACTION COMPLETION DATE: 10/01/86

CLASSIFICATION OF CORRECTIVE ACTION

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

ECPN100J
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TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 405
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-532-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 72000 PERS. RECORDS
SUBJECT: MANAGEMENT DISCIPLINE FOR UNAPPROVED ABSENCE.

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

DATE: 09/26/86
STATUS:
INVESTIGATION COMPLETE. CONCERN PARTIALLY SUBSTANTIATED. REPORT TO LINE ON 09/10. AWAITING LINE RESPONSE.

DATE: 10/01/86
STATUS:
LINE MGMT RESPONSE

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

ECPN100J
ISSS-RWM

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

PAGE 407
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-534-01 LAST UPDATE: 01/13/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31300 MISCELLANEOUS
SUBJECT: DAMAGED WELDS IN FLOOR OF UNIT 2 EQUIPMENT POOL.

SITE-REP:
INTERVIEWER: DKB

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	06/04/86	LINE RESPONSE:	
REPORT SUBMITTED:		REFERRED TO IG:	
REPORT ISSUED:		LAST-CI UPDATED:	
CONCERN RESOLVED:		CONCERN CLOSED:	

KEYWORDS

A: MODIFICATION	B:	C:
D: WELDS	E:	F:

----- CONCERN -----

'CATTLE CHUTE' WAS DROPPED IN UNIT 2 EQUIPMENT PIT - CI BELIEVES WELDS
IN FLOOR MAY HAVE DAMAGED AND THAT FLOOR DAMAGE WAS NEVER LOOKED AT.

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

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

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

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PAGE 408
TIME 08:30.27
DATE 07/15/87

CONCERN NO: ECP-86-BF-534-01
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31300 MISCELLANEOUS
SUBJECT: DAMAGED WELDS IN FLOOR OF UNIT 2 EQUIPMENT POOL.

LAST UPDATE: 01/13/87

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

NO RECOMMENDATIONS FOUND

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OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

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

CONCERN NO: ECP-86-BF-534-01
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31300 MISCELLANEOUS
SUBJECT: DAMAGED WELDS IN FLOOR OF UNIT 2 EQUIPMENT POOL.

LAST UPDATE: 01/13/87

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

DATE: 09/26/86
STATUS:
NO INVESTIGATION BEGUN. ASSIGNED TO CRE.

DATE: 01/05/87
STATUS:
INVESTIGATION IN PROGRESS. ASSIGNED TO CRE.

ECPN100J
ISSS-RWM

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

PAGE 412
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-535-01 LAST UPDATE: 06/03/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30800 MAINTENANCE
SUBJECT: VIOLATIONS OF REQUIREMENTS AND MANAGEMENT MISCONDU
CT IN THE BF HEALTH PHYSICS SECTION.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: TFM RECEIPT MODE: RF REFERRAL

CLASSIFICATION

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

KEY DATES

RECEIVED: 06/05/86 LINE RESPONSE: 11/03/86
REPORT SUBMITTED: 09/30/86 REFERRED TO IG: 09/19/86
REPORT ISSUED: 10/16/86 LAST-CI UPDATED:
CONCERN RESOLVED: 05/01/87 CONCERN CLOSED:

KEYWORDS

A: QUALIFICATION B: TRAINING C:
D: E: F:

----- CONCERN -----

CONCERNED INDIVIDUAL ALLEGES SEVERAL ELEMENTS OF CONCERN, INCLUDING A QUESTION ON QUALIFICATIONS OF HP PERSONNEL (ESPECIALLY CONTRACT) PROPER PERSONNEL TRAINING AND RETRAINING, EXPOSURE NOTIFICATIONS, AND FALSIFICATION OF CONTRACTOR RESUMES.

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

RAD. CONTROL SUPV. ARE ASSIGNED COMP. ACCESS ID#'S & THEY IN TURN, ASSIGN THEM TO THEIR STAFF AS NECESSARY. THERE ARE 5 INDIVIDUALS WHO USE THE HPDT SYS. FULLY QUALIFIED & 12 INDIVIDUALS IN TRAINING STATUS. SIX OTHERS CONSIDERED BY RAD. CONTROL SUPV.

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

LOCATION: BFM LAST UPDATE: 01/13/87
INVESTIGATOR: SGB INVESTIGATION BEGUN: 08/11/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 09/02/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

ECPN100J
ISSS-RWH

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

PAGE 413
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-535-01 LAST UPDATE: 06/03/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30800 MAINTENANCE
SUBJECT: VIOLATIONS OF REQUIREMENTS AND MANAGEMENT MISCONDUCT IN THE BF HEALTH PHYSICS SECTION.

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

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

NO DEFINITE CONCLUSION COULD BE REACHED ABOUT HOW THE HPDT SYSTEM WAS CONTROLLED AT THE TIME THE CI WAS USING SYSTEM. A SYSTEM IS PRESENTLY IN PLACE TO ENSURE ONLY QUALIFIED PERSONNEL USE THE HPDT SYS.

RECOMMENDED CORRECTIVE ACTION:

BFN RAD. CONTROL SHOULD COMPLY WITH E & IT SIL NO. 6 & ENSURE THAT ALL PERSONNEL WHO ARE AUTHORIZED TO USE HPDT AND HAVE AN ID FOR USE OF THE SYSTEM HAVE PROPER TRAINING AND THE TRAINING IS DOCUMENTED.

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

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OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 415
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-535-01 LAST UPDATE: 06/03/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30800 MAINTENANCE
SUBJECT: VIOLATIONS OF REQUIREMENTS AND MANAGEMENT MISCONDU
CT IN THE BF HEALTH PHYSICS SECTION.

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

DATE: 09/26/86

STATUS:

INTERIM INVESTIGATION REPORT TO SITE ON 08/05. I&H ISSUES FORWARDED TO
IG. ORIGINAL CONCERN FALSIFICATION ELEMENT C RECOMMENDED TO BE SENT I
G ON 09/03. FINAL INTERIM REPORT #2 SENT TO EKS ON 09/30. REPORT AND R
ESPONSE TO BE EVALUATED BY LJ.

DATE: 11/05/86

STATUS:

SITE REP CONCURS WITH LINE RESPONSE.

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

PAGE 417
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-564-01 LAST UPDATE: 03/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71200 MISCELLANEOUS
SUBJECT: QUALIFICATIONS OF EMPLOYEES TO PERFORM VERIFICATION
OF ELECTRICAL EQUIPMENT. R11-86-A-0198

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

CLASSIFICATION

SAFETY RELATED: SR NUCLEAR SAFETY
PROTECTED ACTIVITY: (IM ONLY) CONFIDENTIAL: NO
REPORTABLE: NO STOP WORK: NO
SUBSTANTIATED: YES DIR PROF OPIN: NO
CORRECTIVE ACTION: YES
GENERIC APPLICABILITY BF: BL: SQ: WB: CM: KA:
RESTART APPLICABILITY BF: BL: SQ: WB: CM: KA:

KEY DATES

RECEIVED: 06/13/86 LINE RESPONSE: 11/24/86
REPORT SUBMITTED: 08/06/86 REFERRED TO IG:
REPORT ISSUED: 08/15/86 LAST-CI UPDATED:
CONCERN RESOLVED: 12/03/86 CONCERN CLOSED:

KEYWORDS

A: QUALIFICATION B: C: ELECTRICAL
D: EQUIPMENT E: NRC F:

----- CONCERN -----

QUALIFICATIONS OF ENGINEERING COOPERATIVE STUDENTS TO PERFORM 1ST AND
2ND PARTY VERIFICATION OF ELECTRICAL EQUIPMENT AS REQUIRED BY BFM SEMI
-35

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

ON 06-16-86 A SURVEY WAS PERFORMED OBSERVING FIELD PERSONNEL PERFORMING
G. THE INSPECTION TEAM CONSISTED OF ELECT. & COOP STUDENT. ONLY ELECT.
HAD PREVIOUS TRAINING. ANOTHER TEAM WORKING IN SAME AREA DID NOT USE
2ND PARTY VERIFICATION AS STATED IN BF

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

LOCATION: BFM LAST UPDATE:
INVESTIGATOR: TFM INVESTIGATION BEGUN: 07/07/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 07/16/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

CONCERN NO: ECP-86-BF-564-01 LAST UPDATE: 03/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71200 MISCELLANEOUS
SUBJECT: QUALIFICATIONS OF EMPLOYEES TO PERFORM VERIFICATION
OF ELECTRICAL EQUIPMENT. R11-86-A-0198

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
THE CONCERN IS SUBSTANTIATED. THE PROCEDURE FOR THE SUBJECT VERIFICATION EFFORT WAS NOT BEING FOLLOWED AND QUALIFIED PERSONNEL WERE NOT BEING USED IN ALL INSTANCES.

RECOMMENDED CORRECTIVE ACTION:
THE PROCEDURES SHOULD BE REVISED TO CLEARLY SPECIFY THE QUALIFICATIONS OF THE INDIVIDUALS WHO ARE TO BE PART OF THE VERIFICATION EFFORT.

CORRECTIVE ACTION COMPLETION DATE:

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

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:
PERSONNEL PERFORMING THE VERIFICATION SHOULD BE TRAINED AND CERTIFIED TO PERFORM THE WORK AND SHOULD ALSO BE TRAINED AND KNOWLEDGEABLE OF HOW TO SAFELY WORK AROUND ENERGIZED ELECTRICAL EQUIPMENT.

CORRECTIVE ACTION COMPLETION DATE:

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

ECPN100J
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TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

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

CONCERN NO: ECP-86-BF-364-01 LAST UPDATE: 03/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71200 MISCELLANEOUS
SUBJECT: QUALIFICATIONS OF EMPLOYEES TO PERFORM VERIFICATION
OF ELECTRICAL EQUIPMENT. R11-86-A-0198

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

ITEM NUMBER: 03

LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:
CONFIRM THAT PREVIOUSLY PERFORMED VERIFICATIONS ARE ACCEPTABLE OR PERFORM REVERIFICATIONS.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:

HARDWARE REPAIR:

PROCEDURE CHANGE:

INFORMATION PROGRAM ACTIVITIES:

DISCIPLINARY ACTION:

ADDITIONAL TRAINING:

OTHER:

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CONCERN TRACKING INFORMATION

PAGE 422
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-564-01 LAST UPDATE: 03/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71200 MISCELLANEOUS
SUBJECT: QUALIFICATIONS OF EMPLOYEES TO PERFORM VERIFICATION OF ELECTRICAL EQUIPMENT. R11-86-A-0198

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

DATE: 09/12/86
STATUS:
LINE MGMT RESPONSE

DATE: 09/26/86
STATUS:
INVESTIGATION COMPLETE. CONCERN SUBSTANTIATED. INVESTIGATION REPORT TO LINE ON 09/12/86. LINE RESPONSE INADEQUATE AND HAVE REQUESTED ADDITIONAL INFORMATION TO EVALUATED RESPONSE.

DATE: 02/27/87
STATUS:
ECP REPORT ECP-86-564-01 SENT TO MRC

ECPN100J
1555-BUN

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

PAGE 426
TIME 08:30:27
DATE 07/13/87

CONCERN NO.: ECP-86-BF-566-01 LAST UPDATE: 06/03/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11100 HANGERS/SUPPORTS
SUBJECT: FOLLOW UP TO NSRS INVESTIGATION AND COMPLETION OF
MRC OPEN ITEM 86-07-01 ON CATEGORY 1 SUPPORTS.

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: TFM RECEIPT MODE: AF REFERRAL

CLASSIFICATION
SAFETY RELATED: SR NUCLEAR SAFETY
PROTECTED ACTIVITY: (IN ONLY) CONFIDENTIAL: YES
REPORTABLE: NO STOP WORK: NO
SUBSTANTIATED: YES DIR PROT OPIN: NO
CORRECTIVE ACTION: YES
GENERIC APPLICABILITY BF: BL: SO: WB: CH: LI:
RESTART APPLICABILITY BF: BL: SO: WB: CH: LI:

KEY DATES
RECEIVED: 06/10/86 LINE RESPONSE: 04/27/87
REPORT SUBMITTED: 12/24/86 REFERRED TO IC:
REPORT ISSUED: 01/23/87 LAST-CI UPDATED:
CONCERN RESOLVED: 04/27/87 CONCERN CLOSED: 04/27/87

KEYWORDS
A: UNAUTHORIZED WORK B: WORK PLAN/PACKAGE C: HANGERS
D: E:

----- CONCERN -----

THE SCOPE FOR THE MRC OPEN ITEM WAS TO DETERMINE IF A GENERAL FOREMAN SOUGHT TO MEET SCHEDULE AT THE EXPENSE OF QUALITY BY KNOWINGLY PERFORMING WORK BEFORE IT WAS PROPERLY AUTHORIZED POSSIBLY RESULTING IN SAFETY SYSTEMS BEING INOPERABLE WHEN NEEDED. THE NSRS ITEM WAS TO REVIEW AND EVALUATE THE WORK CONTROL PROCEDURE WHEN IT WAS REVISED AND ISSUED.

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

WORK WAS KNOWINGLY PERFORMED PRIOR TO APPROVAL OF WORK PACKAGES. HOWEVER NO DOCUMENTED EVIDENCE WAS FOUND TO DETERMINE IF THE RHR SYSTEM WAS OPERABLE WHEN THE HANGERS WERE REMOVED.

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

LOCATION: BFM LAST UPDATE: 04/15/87
INVESTIGATOR: JMP INVESTIGATION BEGUN: 07/23/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 10/20/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION: N
FINDING:

SEE FINDING SUMMARY ABOVE

ECPN100J
1555-RWH

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

PAGE 425
TIME 08:30:27
DATE 07/15/87

CONCERN NO.: ECP-86-07-366-01
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11100 HANGERS/SUPPORTS
SUBJECT: FOLLOW UP TO NSRS INVESTIGATION AND COMPLETION OF
NRC OPEN ITEM 85-07-01 ON CATEGORY 1 SUPPORTS.

LAST UPDATE: 06/03/87

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

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

NRC OPEN ITEM WAS PARTIALLY SUBSTANTIATED FOR WORK PERFORMED PRIOR TO THE NSRS AND NRC REPORTS. THE SPECIFIC INSTANCE OF REMOVAL OF THE OLD RWH HANGERS WITHOUT AN APPROVED WORK PLAN OR WHILE THE SYSTEM WAS IN SERVICE CANNOT BE DETERMINED FROM THE REV

RECOMMENDED CORRECTIVE ACTION:

APPROPRIATE DIVISION/PLANT MANAGEMENT SHOULD GIVE CONSIDERATION TO REASSIGNING THE SUBJECT GENERAL FOREMAN TO A POSITION WHERE HIS TECHNICAL ABILITIES MAY BE UTILIZED BUT OUT OF THE LINE OF DIRECT LINE SUPERVISION.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:

CONFIRMATION OF THIS AND OTHER SUPPORT WORK, BEING PERFORMED PRIOR TO AN APPROVED WORKPLAN HAS BEEN VERBALLY DOCUMENTED FROM CRAFT, FOREMEN, ENGINEERING, AND MANAGEMENT PERSONNEL.

RECOMMENDED CORRECTIVE ACTION:

THE DISPENSATION OF CORRECTIVE ACTION #1 SHALL BE PROVIDED TO THE ECP IN RESPONSE TO THE RECOMMENDATION.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

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EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 427
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-366-01
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11100 HANGERS/SUPPORTS
SUBJECT: FOLLOW UP TO NSRS INVESTIGATION AND COMPLETION OF
NRC OPEN ITEM 85-07-01 ON CATEGORY 1 SUPPORTS.

LAST UPDATE: 06/03/87

----- RECOMMENDATION/CONCLUSION/CORRECTIVE ACTION -----
ITEM NUMBER: 03
LAST UPDATE:

CONCLUSION:
THE GENERAL FOREMAN, NAMED IN THE NRC REPORT, HAS REPEATEDLY PERFORMED
THE UNAPPROVED WORK AND, IN THIS PARTICULAR CASE, EXPOSED PERSONNEL I
N THE AREA TO A HIGHER PROBABILITY OF AN OCCURRENCE OF A PERSONNEL SAF
ETY HAZARD.

RECOMMENDED CORRECTIVE ACTION:
DETERMINE IF THERE IS ANY CONDUSIVE INDICATION OR EVIDENCE OF RMR LINE
MOVEMENT OR DIFFERENCE OF CONFIGURATION THAT WOULD SUPPORT A NECESSIT
Y FOR ANY SYSTEM ENGINEERING REANALYSIS.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

HARDWARE MODIFICATION:
HARDWARE REPAIR:
PROCEDURE CHANGE:

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

ITEM NUMBER: 04

LAST UPDATE:

CONCLUSION:
HE PERFORMED HIS JOB IN A WAY THAT WAS THE "ACCEPTED" WAY BY SOME MODI
FICATION MANAGEMENT PERSONNEL AT THE TIME. IT IS EXTREMELY DIFFICULT T
O DETERMINE THE DEGREE OF BLAME ON THE INDIVIDUAL IN VIEW OF THE PRODU
CTION ATMOSPHERE AT THE TIME.

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
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PAGE 429
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-566-01
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11100 HANGERS/SUPPORTS
SUBJECT: FOLLOW UP TO NSRS INVESTIGATION AND COMPLETION OF
NRC OPEN ITEM 85-07-01 ON CATEGORY 1 SUPPORTS.

LAST UPDATE: 06/03/87

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

ITEM NUMBER: 05

LAST UPDATE:

CONCLUSION:

IN THE PRESENT ARENA OF PROCEDURAL EMPHASIS, HIS CREDIBILITY NOW IS TA
RNISHED WITH PAST METHODS AND FULL WORKER CONFIDENCE IN HIM TO BE RESP
ONSIBLE AND ACCOUNTABLE MAY NEVER EXIST AGAIN. THE WORK CONTROL PROCED
URE HAS BEEN REVISED AND ISSUED.

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
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TENNESSEE VALLEY AUTHORITY
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EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 431
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-566-01 LAST UPDATE: 06/03/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11100 HANGERS/SUPPORTS
SUBJECT: FOLLOW UP TO NSRS INVESTIGATION AND COMPLETION OF
NRC OPEN ITEM 85-07-01 ON CATEGORY 1 SUPPORTS.

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

DATE: / /
STATUS:

DATE: 04/03/86
STATUS:

FINAL REPORT SENT TO LINE ON 01/23/87. NO RESPONSE RECEIVED FROM LINE.
BFN QA HAS RESPONDED TO ISSUES ON 2/20/87.

DATE: 09/26/86
STATUS:

INVESTIGATION IN PROGRESS BY J. PLEVA. SCOPE OF INVESTIGATION CLARIFIED WITH NRC (E. GIRARD). INVESTIGATION WILL PROBABLY COMPLETE WEEK OF 9/8 WITH DRAFT REPORT TO FOLLOW. A 9/1 COMPLETION DATE HAS BEEN PROVIDED TO SITE COMPLIANCE BUT WILL NOT BE MET.

DATE: 12/18/86
STATUS:

DRAFT REPORT DISCUSSED WITH E. GIRARD, NRC INSPECTOR ON 12/18. OR ANSWERED ALL QUESTIONS & HE WAS SATISFIED WITH REPORT. NRC ITEM WILL REMAIN OPEN UNTIL REPORT IS FINAL IF ANY CORRECTIVE ACTION IS REQUIRED.

DATE: 12/29/86
STATUS:

INVESTIGATION COMPLETE. DRAFT OF INVESTIGATION REPORT SENT TO ERS ON 1/19.

ECPN100J
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TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 433
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-567-01 LAST UPDATE: 04/22/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: PERSONNEL IGNORE CONTINUOUS AIR MONITOR ALARMS BEC
AUSE THE CAMS ARE UNRELIABLE

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

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

KEY DATES

RECEIVED:	06/09/86	LINE RESPONSE:	04/10/87
REPORT SUBMITTED:	10/21/86	REFERRED TO IG:	
REPORT ISSUED:	11/12/86	LAST-CI UPDATED:	02/19/87
CONCERN RESOLVED:	04/21/87	CONCERN CLOSED:	

KEYWORDS

A: B: HEALTH PHYSICS C: INSTRUMENTATION
D: RADIATION PROTCTN E: F:

----- CONCERN -----

THERE IS A SPECIFIC LACK OF ATTENTION TO THE EVACUATION OF PLANT PERSONNEL IN AN AREA WHERE SINGLE CHANNEL CAMS ALARM AND TO THE SUBSEQUENT RESOLUTION OF THESE PROBLEMS.

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

WORKERS ARE TRAINED IN GET TO EVALUATE AN AREA WHEN A CAM ALARMS. CAMS HAVE A HIGH FAILURE RATE BECAUSE THEY ARE WORN OUT AND THEREFORE PERSONNEL TEND TO RESPOND IN A CASUAL WAY. RADCON ACTION PLAN HAS BEEN PREPARED TO PROCURE NEW CAM'S WHICH WILL SU

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

LOCATION:	BFN	LAST UPDATE:	02/17/87
INVESTIGATOR:	JMP	INVESTIGATION BEGUN:	06/30/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	09/09/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

SEE FINDING SUMMARY ABOVE

ECPN100J
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TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 434
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-567-01 LAST UPDATE: 04/22/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: PERSONNEL IGNORE CONTINUOUS AIR MONITOR ALARMS BEC
AUSE THE CAMS ARE UNRELIABLE

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
CONCERN IS SUBSTANTIATED. PERSONNEL WORKING IN THE IMMEDIATE AREA SAMP
LED BY A CAM ARE NOT ALWAYS EVACUATED BY RADCON PERSONNEL TO A SAFE AR
EA UPON A CAM HIGH ACTIVITY ALARM.

RECOMMENDED CORRECTIVE ACTION:
PROVIDE NOTIFICATION TO ALL EMPLOYEES TO ENSURE THEY RESPOND CORRECTLY
TO A CAM ALARM THAT INDICATES POTENTIAL HIGH AIRBORNE ACTIVITY. INSTI
TUTE AN APPROPRIATE MEANS OF RANDOM CHECKS TO VERIFY IMPLEMENTATION CO
MPLIANCE.

CORRECTIVE ACTION COMPLETION DATE:

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

ITEM NUMBER: 02 LAST UPDATE:

CONCLUSION:
AFTER AIR SAMPLING HAS CONFIRMED THAT NO RADIOLOGICAL HAZARD EXISTS IN
THE AREA, THE CAM MAY ALARM FOR SEVERAL HOURS WITHOUT PROPER ACTION W
HILE WAITING FOR MAINTENANCE

RECOMMENDED CORRECTIVE ACTION:
EITHER ENSURE PROCEDURES HAVE CLEAR INSTRUCTIONS ON 1) RESPONSES TO CA
M ALARMS, AND 2) DETERMINATION IF A TEMPERATURE INVERSION EXISTS AND A
DJUSTMENT OF CAM SETPOINTS ACCORDINGLY.

CORRECTIVE ACTION COMPLETION DATE:

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

ECPN100J
ISSS-RWM

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

PAGE 436
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-567-01 LAST UPDATE: 04/22/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: PERSONNEL IGNORE CONTINUOUS AIR MONITOR ALARMS BEC
AUSE THE CAMS ARE UNRELIABLE

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

ITEM NUMBER: 03 LAST UPDATE:

CONCLUSION:
CLEAR INSTRUCTIONS DO NOT EXIST FOR ENSURING THAT IMMEDIATE CORRECTIVE
ACTION UPON RECEIPT OF A CAM ALARM (CAM RESPONSE PROCEDURE) IS CONSIS
TENT.

RECOMMENDED CORRECTIVE ACTION:
ENSURE ALL RESPONSIBLE PERSONNEL ARE PROPERLY TRAINED SUCH THAT CONSIS
TENCY IN THESE AREAS IS ACHIEVED.

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:
THE NMC CAMS, AFTER ABOUT 15 YEARS OF CONTINUOUS DAILY SERVICE, ARE WO
RN OUT. THESE CAMS HAVE FULFILLED THEIR OBJECTIVES BUT ARE IN NEED OF
A MAJOR REFURBISHMENT OR REPLACEMENT.

RECOMMENDED CORRECTIVE ACTION:
IMPLEMENT THE AREA CAM REPLACEMENT PROGRAM AS PLANNED IN FY-87.

CORRECTIVE ACTION COMPLETION DATE:

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

ECPN1003
ISSS-RWM

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

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

CONCERN NO: ECP-86-BF-567-01 LAST UPDATE: 04/22/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: PERSONNEL IGNORE CONTINUOUS AIR MONITOR ALARMS BEC
AUSE THE CAMS ARE UNRELIABLE

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

DATE: 09/26/86

STATUS:
INVESTIGATION COMPLETE. LAST CONTACT WITH THE CI ON 8/15. REPORT SENT
TO EKS IN DRAFT FORM ON 9/25.

DATE: 12/18/86

STATUS:
AWAITING LINE RESPONSE.

DATE: 12/29/86

STATUS:
INVESTIGATION COMPLETE. LAST CONTACT WITH CI ON 11/17. FINAL REPORT SE
NT TO EKS ON 10/21/86. REPORT SENT TO LINE ON 11-22-86

DATE: 04/03/87

STATUS:
LINE RESPONSE RECEIVED 01/02/87. RESPONSE INADEQUATE. ECP RESPONSE TO
LINE 03/03/87. LAST CONTACT WITH CI ON 2/19/87.

DATE: 04/21/87

STATUS:
FINAL LINE RESPONSE DISCUSSED WITH CI ON 4/21/87. CI CONCURRED WITH LI
NE RESPONSE TO RECOMMENDATIONS.

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OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 440
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-568-01 LAST UPDATE: 04/15/87
CATEGORY: DP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: ALL EFFLUENT CAMS ARE INADEQUATE TO PROTECT THE PUBLIC DURING STARTUP.

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

KEY DATES

RECEIVED: 06/11/86 LINE RESPONSE: 02/06/87
REPORT SUBMITTED: 11/13/86 REFERRED TO IG:
REPORT ISSUED: 11/28/86 LAST-CI UPDATED: 02/23/87
CONCERN RESOLVED: 02/23/87 CONCERN CLOSED:

KEYWORDS

A: B: RELEASE C: INSTRUMENTATION
D: RADIATION PROTCTN E: F:

----- CONCERN -----

ALL EFFLUENT CAMS AT BFM ARE INADEQUATE TO DEPEND ON TO PROTECT THE PUBLIC DURING STARTUP AND/OR OPERATION. THIS CONCERN WAS ALSO SENT TO THE IG BY THE CI

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

10 CFR 50, APPENDIX A, CRITERION 64 REQUIRES BFM TO MONITOR ALL EFFLUENT DISCHARGE PATHS. A CONTRACTOR PERFORMED A SHORT AND LONG TERM EVALUATION OF THE CAMS. CAMS ARE WORN OUT.

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

LOCATION: BFM LAST UPDATE: 02/17/87
INVESTIGATOR: JMP INVESTIGATION BEGUN: 06/26/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 09/30/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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TENNESSEE VALLEY AUTHORITY
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PAGE 441
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-568-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: ALL EFFLUENT CAMS ARE INADEQUATE TO PROTECT THE PUBLIC DURING STARTUP.

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
THE CONCERN IS NOT SUBSTANTIATED. HOWEVER, EVEN THOUGH THE EFFLUENT MONITORING REQUIREMENTS CAN BE MET, THE EXISTING CAMS ARE VERY WORN. SEVERAL IMPROVEMENTS SHOULD BE MADE WITH THE EXISTING CAMS UNTIL THE NEW CAMS ARE INSTALLED.

RECOMMENDED CORRECTIVE ACTION:
ENSURE AIR INLEAKAGE FROM THE HARD PIPED INLET SAMPLE LINE THROUGH THE IODINE LEAD PIG IS REDUCED TO AN ACCEPTABLE AMOUNT. IMPLEMENT RECOMMENDATION FROM NMC TO PREVENT THE COLLECTOR ASSEMBLY FROM PULLING APART FROM THE LEAD PLUG.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:
IMPLEMENT A PROGRAM TO PERFORM EFFICIENCY CALIBRATIONS ON ALL EFFLUENT CAMS WITH GASEOUS NBS TRACEABLE SOURCES AND MODIFY PROCEDURES ACCORDINGLY.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

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

PAGE 443
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-B6-BF-368-01 LAST UPDATE: 04/15/87
CATEGORY: DP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: ALL EFFLUENT CAMS ARE INADEQUATE TO PROTECT THE PUBLIC DURING STARTUP.

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

ITEM NUMBER: 03 LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:
ENSURE TIMELY COMPLETION OF THE ONGOING FLOW ORIFICE VERIFICATION PROGRAM. THIS SHOULD INCLUDE THE DETERMINATION THAT QUESTIONABLE PAST RELEASE CALCULATIONS ARE CORRECTED AND THAT PROCEDURES ARE MODIFIED SO THAT FUTURE RELEASES ARE ACCURATE.

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:
PREPARE AND IMPLEMENT A DEFINITIVE SCHEDULE FOR A REPLACEMENT PROGRAM FOR ALL BFM EFFLUENT CAMS. INCORPORATE RESULTS OF INFORMATION ACCUMULATED IN THE EVALUATION PRESENTLY BEING PERFORMED BY TECHNICAL SERVICES PERSONNEL INTO THE REPLACEMENT PROGRAM.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

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OFFICE OF NUCLEAR POWER
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TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-368-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30305 RELIABILITY AND MAINT RADIATION MONITORING EQUIP
SUBJECT: ALL EFFLUENT CAMS ARE INADEQUATE TO PROTECT THE PUBLIC DURING STARTUP.

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

DATE: 09/26/86

STATUS:
INVESTIGATION COMPLETE AND REPORT IN THE DRAFT STAGE. ORIGINAL VENDOR ON CAMS IS PREPARING PROPOSAL TO UPGRADE AND/OR REPLACE CAMS DRAFT PROPOSAL TO BE RECEIVED BY 08/12. LAST CONTACT WITH CI ON 07/22.

DATE: 11/14/86

STATUS:
INVESTIGATION COMPLETE. CONCERN NOT SUBSTANTIATED BUT RECOMMENDATIONS WERE MADE. REPORT SENT TO EKS ON 11-14.

DATE: 12/18/86

STATUS:
REPORT SENT TO LINE ON 11/28/86. AWAITING LINE RESPONSES. LAST CONTACT WITH CI ON 12/11.

DATE: 04/03/87

STATUS:
LINE RESPONSE ISSUED 02/06/87. ECP CONCURRENCE ON LINE CORRECTIVE ACTION AGREED TO ON 2/19/87. CONCERN CLOSED 02/03/87.

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PAGE 447
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-587-01 LAST UPDATE: 04/15/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71600 LABOR RELATIONS
SUBJECT: HARASSMENT BY FOREMAN TO TAKE UNNECESSARY TRAINING
BECAUSE HE IS 30 POINT VETERAN.

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

KEY DATES

RECEIVED: 07/02/86 LINE RESPONSE: 02/18/87
REPORT SUBMITTED: 11/14/86 REFERRED TO IG:
REPORT ISSUED: 12/29/86 LAST-CI UPDATED: 02/25/87
CONCERN RESOLVED: 02/25/87 CONCERN CLOSED:

KEYWORDS

A: B: TRAINING C:
D: E: F:

----- CONCERN -----

"I HAVE BEEN HARASSED BY MY FOREMAN TO THE DEGREE OF MAKING ME TAKE UN
NECESSARY TRAINING IN ORDER TO RUN ME OFF BECAUSE I AM A 30 POINT VETE
RAN (RETIRED) WHICH WILL GIVE ME SENIORITY AFTER ONE YEAR ON THE JOB.
A COUPLE OF INCIDENTS ASSOCIATED WITH THIS INVOLVE A SECURITY CONTROLL
ED KEY AND RESPIRATOR GLASSES. AN OFFSHOOT ISSUE. "IS THE GET PROGRAM
FAIR, WELL-DEFINED, AND APPLIED CONSISTENTLY FOR ALL NEW BFM EMPLOYEES?
". WAS INVESTIGATED.

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

ENTIRE FOREMAN'S CREWS WAS INTERVIEWED. GET FAILURE RECORDS WERE RECEI
VED. ADMINISTRATION OF GET WAS NOT CONSISTENT.

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

LOCATION: BFN LAST UPDATE: 02/17/87
INVESTIGATOR: JMP INVESTIGATION BEGUN: 07/14/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 09/15/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
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CONCERN TRACKING INFORMATION

PAGE 448
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-587-01
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71600 LABOR RELATIONS
SUBJECT: HARASSMENT BY FOREMAN TO TAKE UNNECESSARY TRAINING
BECAUSE HE IS 30 POINT VETERAN.

LAST UPDATE: 04/15/87

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

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:
CONCERN WAS NOT SUBSTANTIATED. OFF SHOOT ISSUE WAS NOT SUBSTANTIATED. BFM
EMPLOYEES TAKE THE REQUIRED TRAINING FOR UNESCORTED ACCESS SO THAT THE
Y CAN "DO THEIR JOB IN THE PROTECTED AREA".

RECOMMENDED CORRECTIVE ACTION:
REVISE THE BFM EMPLOYEE INFORMATION PACKAGE TO AGREE WITH OMP POLICY AND
INDICATE THAT ALL EMPLOYEES WHO FAIL TO
DEMONSTRATE THE MINIMUM LEVEL OF PROFICIENCY IN ANY GET CLASS WILL BE
TERMINATED.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:
DUE TO THE TIME REQUIRED TO TAKE THE ADDITIONAL MANDATORY GET COURSES,
MOST INDIVIDUALS ARE DIRECTED TO REPORT TO THEIR SUPERVISOR FOR WORK
INSTEAD OF IMMEDIATELY COMPLETING THESE COURSES.

RECOMMENDED CORRECTIVE ACTION:
ENSURE EVERY BFM EMPLOYEE, WHETHER TVA OR CONTRACTOR, HAS A DEFINED TV
A SUPERVISOR OR POINT OF CONTACT THAT IS ADMINISTRATIVELY RESPONSIBLE
FOR AND HELD ACCOUNTABLE FOR THE INDIVIDUAL'S MANDATORY GET (CONTINUED
IN ITEM 03)

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

ECPN1003
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CONCERN TRACKING INFORMATION

PAGE 452
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-587-01
CATEGORY: NP MGT. & PERS. ISSUES
SUBCATEGORY: 71600 LABOR RELATIONS
SUBJECT: HARASSMENT BY FOREMAN TO TAKE UNNECESSARY TRAINING
BECAUSE HE IS 30 POINT VETERAN.

LAST UPDATE: 04/15/87

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

DATE: 09/26/86

STATUS:

INVESTIGATION COMPLETE. DRAFT REPORT SENT TO EKS ON 9/26/86.

DATE: 12/18/86

STATUS:

INVESTIGATION COMPLETE. FINAL REPORT SENT TO EKS ON 11-14-86.

DATE: 04/03/87

STATUS:

FINAL REPORT ISSUED TO LINE 12/29/86. LINE RESPONSE ISSUED 02/18/87. E
CP CONCURRENCE ON LINE CORRECTIVE ACTION AGREED TO ON 02/25/87. CONCER
N CLOSED ON 02/25/87.

ECPN1003
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TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
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CONCERN TRACKING INFORMATION

PAGE 454
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-598-01 LAST UPDATE: 07/15/87
CATEGORY: HP MGT. & PERS. ISSUES
SUBCATEGORY: 71700 MGT. QLTY.
SUBJECT: FES PERSONNEL AREN'T KNOWLEDGABLE ENOUGH TO RECOGN
IZE REPORTABLE EVENTS.

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	07/07/86	LINE RESPONSE:	12/30/86
REPORT SUBMITTED:	11/13/86	REFERRED TO IG:	
REPORT ISSUED:	12/04/86	LAST-CI UPDATED:	01/08/87
CONCERN RESOLVED:	01/08/87	CONCERN CLOSED:	

KEYWORDS

A: DOCUMENT ISSUANCE	B:	C:
D: REPORTS	E:	F:

----- CONCERN -----

CI FEELS THAT PERSONNEL PERFORMING SYSTEM WALKDOWNS ARE NOT KNOWLEDGABLE ENOUGH OF THE REQUIREMENTS TO RECOGNIZE WHEN A SAFETY EVALUATION IS NEEDED IF PROBLEMS ARE IDENTIFIED DURING THE WALKDOWN OF THE SYSTEM.

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

FES PERSONNEL HAVE RECEIVED TRAINING IN REQUIREMENTS FOR INITIATING DISCREPANCY EVALUATION. MOST WOULD GO TO THEIR SUPERVISION FIRST.

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

LOCATION:	BFN	LAST UPDATE:	01/13/87
INVESTIGATOR:	JNL	INVESTIGATION BEGUN:	09/16/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	10/03/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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OFFICE OF NUCLEAR POWER
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CONCERN TRACKING INFORMATION

PAGE 455
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-598-01 LAST UPDATE: 04/15/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71700 MGT. QTY.
SUBJECT: FES PERSONNEL AREN'T KNOWLEDGABLE ENOUGH TO RECOGN
IZE REPORTABLE EVENTS.

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

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:

CONCERN IS NOT SUBSTANTIATED. TRAINING WITH REGARD TO REPORTABLE EVENT
S IS SATISFACTORY BUT SOMEWHAT CONTRARY TO PROCEDURES.

RECOMMENDED CORRECTIVE ACTION:

MANAGEMENT PREPARE AND DISTRIBUTE HANDOUT TO ALL FES PERSONNEL WHICH R
EFLECTS PROPER REPORTING GUIDELINES.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

ECPM100J
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TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-598-01 LAST UPDATE: 04/15/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71700 MGT. DUTY.
SUBJECT: FES PERSONNEL AREN'T KNOWLEDGABLE ENOUGH TO RECOGN
IZE REPORTABLE EVENTS.

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

DATE: 09/26/86

STATUS:

ASSIGNED TO JNL 8/18/86. INVESTIGATION STARTED 9/16.

DATE: 10/03/86

STATUS:

COMPLETED. NOT SUBSTANTIATED. FINAL TO EKS 11/13. TO LINE. 12/4/86. LI
NE RESIONSE DATED 12/30/87 FOUND ACCEPTABLE.

DATE: 01/30/87

STATUS:

CONCERN CLOSED WITH FILE NOTE ON 01/30/87 FOLLOWING CLOSE OUT INTERVIE
W WITH CI. CI WAS SATISFIED WITH FINDINGS.

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CONCERN TRACKING INFORMATION

PAGE 459
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-606-01 LAST UPDATE: 01/13/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30115 IMPROPER HARDWARE IDENTIFICATION
SUBJECT: IDENTIFICATION OF EQUIPMENT CONTROL SWITCHES.

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

CLASSIFICATION

SAFETY RELATED: NO NUCLEAR SAFETY
PROTECTED ACTIVITY: (IM ONLY) CONFIDENTIAL: YES
REPORTABLE: NO STOP WORK: NO
SUBSTANTIATED: 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: 07/02/86 LINE RESPONSE:
REPORT SUBMITTED: REFERRED TO IG:
REPORT ISSUED: LAST-CI UPDATED:
CONCERN RESOLVED: CONCERN CLOSED:

KEYWORDS

A: IDENTIFICATION B: C:
D: CONTROL PANEL E: F:

----- CONCERN -----

POSITIVE IDENTIFICATION OF EQUIPMENT AND THEIR SWITCHES/CONTROLS IS NOT ASSURED

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

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

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

ECPN100J
ISSS-RWM

TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
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CONCERN TRACKING INFORMATION

PAGE 462
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-606-01 LAST UPDATE: 01/13/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30115 IMPROPER HARDWARE IDENTIFICATION
SUBJECT: IDENTIFICATION OF EQUIPMENT CONTROL SWITCHES.

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

DATE: 11/14/86
STATUS:
CI TERMINATED.

DATE: 01/05/87
STATUS:
NO INVESTIGATION BEGUN. CONCERN ASSIGNED TO CRE. CI CONTACTED ON 10/23
/86.

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PAGE 464
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-616-01
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 00000
SUBJECT: FOREMAN HAS INADEQUATE NUCLEAR EXPERIENCE TO FULFILL FOREMAN POSITION ON MIDNIGHT SHIFT.
LAST UPDATE: 01/13/87

SITE-REP: LOC. REPORTED: BF BROWNS FERRY
INTERVIEWER: TFM RECEIPT MODE: MI WALK-IN

CLASSIFICATION

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

KEY DATES

RECEIVED: 07/17/86 LINE RESPONSE:
REPORT SUBMITTED: 08/29/86 REFERRED TO IG:
REPORT ISSUED: 10/02/86 LAST-CI UPDATED: 10/03/86
CONCERN RESOLVED: 10/03/86 CONCERN CLOSED:

KEYWORDS

A: QUALIFICATION B: C:
D: FOREMAN E: F:

----- CONCERN -----

THE I AND C DUAL RATE FOREMAN SELECTED FOR UNIT 2 MIDNIGHT SHIFT HAS INADEQUATE NUCLEAR EXPERIENCE TO PROPERLY FULFILL THE FOREMAN POSITION WHEN NEEDED.

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

SELECTEE'S RECORDS SHOW THAT HE HAS THE EDUCATION TRAINING AND EXPERIENCE NECESSARY TO FULFILL THE DUAL-RATED SIM FOREMAN'S POSITION. ALL SERVICE REVIEWS REFLECT PERFORMANCE AS "FULLY ADEQUATE". ONLY SELECTEE & CI INDICATED DESIRE OF POSITION.

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

LOCATION: BFN
INVESTIGATOR: TFM
INVESTIGATION NO:
PRIORITY: CORRECTIVE ACT REFERENCE:
FINDING:
LAST UPDATE:
INVESTIGATION BEGUN: 08/21/86
INVESTIGATION COMPLETED: 08/26/86
QA VERIFICATION:

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PAGE 465
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-616-01 LAST UPDATE: 01/13/87
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 00000
SUBJECT: FOREMAN HAS INADEQUATE NUCLEAR EXPERIENCE TO FULFI
LL FOREMAN POSITION ON MIDNIGHT SHIFT.

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
CONCERN NOT SUBSTANTIATED. BY VIRTUE OF CI'S 9 YEARS EXP. IN THIS CLAS
SIFICATION AND "FULLY ADEQUATE" SERVICE REVIEWS, THE SELECTEE IS JUDGE
D TO BE QUALIFIED FOR THE POSITION.

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:

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PAGE 469
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-620-01
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91009 UNSAFE CONDITIONS - EXTERIOR DOORS NOT MAINTAINED
SUBJECT: EXIT DOORS NOT USEABLE IN RX BLDG ON ELEV 593 AND 621 DURING EMERGENCY SITUATIONS OR ANY TIME.

LAST UPDATE: 02/17/87

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

CLASSIFICATION

SAFETY RELATED: IS INDUSTRIAL SAFETY
PROTECTED ACTIVITY: (IM ONLY) CONFIDENTIAL: NO
REPORTABLE: NO STOP WORK: NO
SUBSTANTIATED: YES DIF PROF OPIN: NO
CORRECTIVE ACTION: YES
GENERIC APPLICABILITY BF: BL: SO: WB: CH: XX:
RESTART APPLICABILITY BF: BL: SO: WB: CH: XX:

KEY DATES

RECEIVED: 07/14/86 LINE RESPONSE:
REPORT SUBMITTED: 01/28/87 REFERRED TO IG:
REPORT ISSUED: LAST-CI UPDATED:
CONCERN RESOLVED: CONCERN CLOSED:

KEYWORDS

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

----- CONCERN -----

EMPLOYEES IN THE RX BLDG ARE UNABLE TO EXIT THRU DOORS LOCATED ON ELEV 593 AND 621. PERSONNEL SHOULD BE ABLE TO EXIT THROUGH THESE DOORS DURING EMERGENCY SITUATIONS.

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

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

LOCATION: BFM
INVESTIGATOR: TFM
INVESTIGATION NO:
PRIORITY: CORRECTIVE ACT REFERENCE:
FINDING:

LAST DATE: 02/17/87
INVESTIGATION BEGUN: 09/04/86
INVESTIGATION COMPLETED: 11/06/86
QA VERIFICATION:

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PAGE 470
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-620-01 LAST UPDATE: 02/17/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91009 UNSAFE CONDITIONS -EXTERIOR DOORS NOT MAINTAINED
SUBJECT: EXIT DOORS NOT USEABLE IN RX BLDG ON ELEV 593 AND
621 DURING EMERGENCY SITUATIONS OF ANY TIME.

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

NO RECOMMENDATIONS FOUND

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PAGE 477
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-07-620-01 LAST UPDATE: 02/17/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91009 UNSAFE CONDITIONS - EXTERIOR DOORS NOT MAINTAINED
SUBJECT: EXIST DOORS NOT USEABLE IN RA BLDG ON (LEV 59) AND
62) DURING EMERGENCY SITUATIONS OR ANY TIME.

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

DATE: 09/26/86

STATUS:
INVESTIGATION IN PROGRESS - BEGAN WEEK OF 9/2.

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PAGE 474
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-621-01
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70603 FAVORITISM
SUBJECT: USE OF TIME CLOCK FOR BFM BARTLETT EMPLOYEES IN MP

LAST UPDATE: 01/13/87

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

CLASSIFICATION

SAFETY RELATED:	NO	INDUSTRIAL SAFETY				
PROTECTED ACTIVITY:		(IM ONLY)	CONFIDENTIAL:	NO		
REPORTABLE:	NO		STOP WORK:	NO		
SUBSTANTIATED:	NO		DIF PROF OPIN:	NO		
CORRECTIVE ACTION:	NO					
GENERIC APPLICABILITY	BF:	BL:	SO:	WB:	CM:	KA:
RESTART APPLICABILITY	BF:	BL:	SO:	WB:	CM:	KA:

KEY DATES

RECEIVED:	07/15/86	LINE RESPONSE:	
REPORT SUBMITTED:	09/30/86	REFERRED TO IG:	
REPORT ISSUED:	10/16/86	LAST-CI UPDATED:	09/04/86
CONCERN RESOLVED:	10/21/86	CONCERN CLOSED:	

KEYWORDS

A: HARASSMENT
B: FAVORITISM
C:
D: E:

----- CONCERN -----

BARTLETT EMPLOYEES AT BFM ARE HAVING TO PUNCH A TIME CLOCK. THEY BELIEVE THAT THIS IS DISCRIMINATORY SINCE THEY ARE THE ONLY WORKERS AT BFM THAT ARE SUBJECTED TO THIS POLICY.

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

THERE WAS NO TVA POLICY VIOLATION WITH RESPECT TO REQUIREMENT OF THE TIME CLOCK FOR TVA CONTRACTOR EMPLOYEES. SO LONG AS THERE WAS APPROPRIATE MANAGEMENT REASONS, USE OF THE TIME CLOCK SHOULD NOT BE DISCRIMINATORY.

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

LOCATION:	BFM	LAST UPDATE:	
INVESTIGATOR:	TFM	INVESTIGATION BEGUN:	07/24/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	08/29/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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

CONCERN NO: ECP-86-BF-623-01 LAST UPDATE: 01/13/87
CATEGORY: EN ENGINEERING
SUBCATEGORY: 23000 HVAC DESIGN
SUBJECT: DRAWING SYMBOLS ON HVAC FLOW DIAGRAMS NOT CLEARLY
DEFINED, COULD CAUSE MISINTERPRETATION OF DRAWINGS

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

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

KEY DATES
RECEIVED: 07/16/86 LINE RESPONSE:
REPORT SUBMITTED: REFERRED TO IG:
REPORT ISSUED: LAST-CI UPDATED:
CONCERN RESOLVED: CONCERN CLOSED:

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

----- CONCERN -----

THE DRAWING SYMBOLS USED ON HVAC FLOW DIAGRAMS ARE NOT CLEARLY DEFINED
THE REF. DRAWING - 30B617 SERIES - DOES NOT COVER ALL THE DIFFERENT
HVAC ITEMS THAT ARE INSTALLED AND THIS COULD CAUSE A MISINTERPRETATION
OF DRAWINGS.

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

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

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

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TIME 08:30:27
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CONCERN NO: ECP-86-BF-623-01
CATEGORY: EN ENGINEERING
SUBCATEGORY: 23000 HVAC DESIGN
SUBJECT: DRAWING SYMBOLS ON HVAC FLOW DIAGRAMS NOT CLEARLY
DEFINED. COULD CAUSE MISINTERPRETATION OF DRAWINGS

LAST UPDATE: 01/13/87

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

NO RECOMMENDATIONS FOUND

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

CONCERN NO: ECP-86-BF-623-01
CATEGORY: EN ENGINEERING
SUBCATEGORY: 23000 HVAC DESIGN
SUBJECT: DRAWING SYMBOLS ON HVAC FLOW DIAGRAMS NOT CLEARLY
DEFINED. COULD CAUSE MISINTERPRETATION OF DRAWINGS

LAST UPDATE: 01/13/87

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

DATE: 09/26/86

STATUS:

INVESTIGATION IN PROGRESS - BEGAN WEEK OF 09/02.

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

CONCERN NO: ECP-86-BF-631-01 LAST UPDATE: 01/14/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31200 SECURITY
SUBJECT: UNESCORTED ACCESS TO THE BFM PROTECTED AREA AFTER
TERMINATION.

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

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

KEY DATES
RECEIVED: 07/30/86 LINE RESPONSE:
REPORT SUBMITTED: 12/03/86 REFERRED TO IG:
REPORT ISSUED: 12/16/86 LAST-CI UPDATED:
CONCERN RESOLVED: 12/16/86 CONCERN CLOSED:

KEYWORDS
A: IDENTIFICATION B: SECURITY C:
D: E: F:

----- CONCERN -----

EMPLOYEE FEELS THAT PICTURE BADGES ARE NOT PROMPTLY REMOVED FROM GATEH
DOUSE WHEN AN EMPLOYEE QUITS WORKING FOR TVA AT BROWNS FERRY NUCLEAR PL
ANT. ANONYMOUS CONCERN.

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

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

LOCATION: BFM LAST UPDATE: 01/13/87
INVESTIGATOR: CRE INVESTIGATION BEGUN: 08/05/86
INVESTIGATION NO: INVESTIGATION COMPLETED: 10/17/86
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

A REVIEW OF PLANT ACCESS RECORDS VERIFIED THAT EMPLOYEES WERE LEAVING
BFM WITHOUT PROCESSING OUT WHI

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DATE 07/15/87

CONCERN NO: ECP-86-BF-631-01
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31200 SECURITY
SUBJECT: UNESCORTED ACCESS TO THE BFN PROTECTED AREA AFTER
TERMINATION.

LAST UPDATE: 01/14/87

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

NO RECOMMENDATIONS FOUND

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PAGE 487
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-631-01
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31200 SECURITY
SUBJECT: UNESCORTED ACCESS TO THE BFN PROTECTED AREA AFTER
TERMINATION.

LAST UPDATE: 01/14/87

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

DATE: 09/26/86
STATUS:
INVESTIGATION IN PROGRESS. ASSIGNED TO CRE.

DATE: 01/05/87
STATUS:
INVESTIGATION COMPLETE. ASSIGNED TO CRE. REPORT TO LINE ON 12/16/86.

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

CONCERN NO: ECP-86-BF-658-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31304 ENVIRONMENTAL
SUBJECT: ROOF EXHAUST FANS SHOULD BE TURNED OFF IN INSTRUMENT SHOPS AS THEY ONLY PULL AIR CONDITIONED AIR OUT

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	08/06/86	LINE RESPONSE:	
REPORT SUBMITTED:	02/19/87	REFERRED TO IG:	
REPORT ISSUED:	02/26/87	LAST-CI UPDATED:	02/17/87
CONCERN RESOLVED:	02/26/87	CONCERN CLOSED:	

KEYWORDS

A: CORRECTIVE ACTION B: C: HVAC
D: E: F:

----- CONCERN -----

THE ROOF EXHAUST FANS SHOULD BE TURNED OFF FOR THE INSTRUMENT SHOPS THE FANS SIMPLY PULL THE AIR CONDITIONED AIR OUT OF THE SHOPS.

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

INVESTIGATION NOT STARTED. C1, A NON-SMOKER, REQUESTED TO DROP CONCERN BECAUSE SMOKING WAS ONLY PERMITTED IN HALLWAYS & HE WOULD NOT LIKE TO SEE FANS TURNED OFF AND SMOKING TOTALLY PROHIBITED.

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

LOCATION:	BFM	LAST UPDATE:	03/05/87
INVESTIGATOR:	JNL	INVESTIGATION BEGUN:	08/22/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	02/17/87
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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PAGE 490
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-658-01
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31304 ENVIRONMENTAL
SUBJECT: ROOF EXHAUST FANS SHOULD BE TURNED OFF IN INSTRUMENT SHOP AS THEY ONLY PULL AIR CONDITIONED AIR OUT

LAST UPDATE: 04/15/87

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

NO RECOMMENDATIONS FOUND

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

CONCERN NO: ECP-86-BF-658-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 31304 ENVIRONMENTAL
SUBJECT: ROOF EXHAUST FANS SHOULD BE TURNED OFF IN INSTRUMENT SHOP AS THEY ONLY PULL AIR CONDITIONED AIR OUT

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

DATE: 02/28/86

STATUS:

STATUS REPORT GIVEN TO CI 1/20/87. ON 2/17/86 CI ASKED TO WITHDRAW CONCERN BECAUSE OF SMOKING POLICY. INVESTIGATION TERMINATED AT THIS POINT. RESPONSE DOCUMENTING NON-INVESTIGATION SENT 2/19/86 TO EKS. TO LINE 2/24/86. CLOSURE 2/26/86 WITH NOTE TO CI

DATE: 09/26/86

STATUS:

ASSIGNED TO JNL 08/18/86. STATUS REPORT GIVEN TO CI 09/18. INVESTIGATION STARTED 08/22.

DATE: 12/29/86

STATUS:

STATUS REPORT GIVEN TO CI 10/3/86: CONCERN HAS LOW PRIORITY.

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

CONCERN NO: ECP-86-BF-659-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91003 UNSAFE CONDITIONS -TRAFFIC CONTROL
SUBJECT: EXITING THE PARKING LOT AFTER WORK EACH DAY IS A SAFETY HAZARD.

SITE-REP:
INTERVIEWER: TFN

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	08/04/86	LINE RESPONSE:	01/15/87
REPORT SUBMITTED:	11/14/86	REFERRED TO IG:	
REPORT ISSUED:	11/26/86	LAST-CI UPDATED:	
CONCERN RESOLVED:	02/28/87	CONCERN CLOSED:	

KEYWORDS

A: B: PUBLIC SAFETY C:
D: INDUSTRIAL SAFETY E: F:

----- CONCERN -----

EXITING THE PARKING LOTS AT 3:30 PM EACH DAY IS SIMPLY IN SAFETY HAZARD. BFN MUST STAGGER WORK TIMES TO ELIMINATE PROBLEM.

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

11 VEHICULAR ACCIDENTS WERE REPORTED BETWEEN APRIL & OCTOBER, 1986. AT LEAST 3 OCCURED BETWEEN 3:25 & 4:00 PM. PUBLIC SAFETY STATED THAT NO SAFETY PRACTICES GOVERN VEHICLE OPERATIO.

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

LOCATION:	BFN	LAST UPDATE:	02/17/87
INVESTIGATOR:	JMP	INVESTIGATION BEGUN:	09/17/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	10/24/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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

CONCERN NO: ECP-86-BF-659-01
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91003 UNSAFE CONDITIONS - TRAFFIC CONTROL
SUBJECT: EXITING THE PARKING LOT AFTER WORK EACH DAY IS A SAFETY HAZARD.

LAST UPDATE: 06/03/87

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

ITEM NUMBER: 01

LAST UPDATE:

CONCLUSION:
THE CONCERN IS PARTLY SUBSTANTIATED. MOST DRIVERS ARE COURTEOUS AND SAFE, BUT DAILY, "RECKLESS DRIVERS" DO CAUSE ISOLATED UNSAFE SITUATIONS TO EXIST IN ALL THE PARKING LOTS.

RECOMMENDED CORRECTIVE ACTION:
PREPARE A MEMORANDUM FROM THE SITE DIRECTOR TO ALL PERSONNEL STATING THAT EACH INDIVIDUAL IS RESPONSIBLE AND ACCOUNTABLE FOR UNSAFE DRIVING PRACTICES WITHIN THE BFM CONTROLLED AREA. (CONTINUED ON ITEM #02)

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

ITEM NUMBER: 02

LAST UPDATE:

CONCLUSION:

RECOMMENDED CORRECTIVE ACTION:
THIS MEMORANDUM SHOULD ALSO STRESS THE (1) IMPORTANCE OF SAFE VEHICLE OPERATION DURING CRITICAL HOURS WHERE THE AMOUNT OF PEDESTRIANS HAS SIGNIFICANTLY INCREASED AND (2) TRAFFIC FLOW PATTERN CHANGE IF IMPLEMENTED.

CORRECTIVE ACTION COMPLETION DATE:

CLASSIFICATION OF CORRECTIVE ACTION

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

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PAGE 497
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-659-01
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91003 UNSAFE CONDITIONS -TRAFFIC CONTROL
SUBJECT: EXITING THE PARKING LOT AFTER WORK EACH DAY IS A S
AFETY HAZARD.

LAST UPDATE: 06/03/87

----- 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:

ECPN1003
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OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 499
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-659-01 LAST UPDATE: 06/03/87
CATEGORY: SF INDUSTRIAL SAFETY
SUBCATEGORY: 91003 UNSAFE CONDITIONS -TRAFFIC CONTROL
SUBJECT: EXITING THE PARKING LOT AFTER WORK EACH DAY IS A S
AFETY HAZARD.

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

DATE: 09/26/86
STATUS:
NO INVESTIGATION BEGUN.

DATE: 11/26/86
STATUS:
INVESTIGATION COMPLETE. FINAL REPORT SENT TO EKS ON 11-14. REPORT TRAN
SMITTED TO LINE ON 11-26-86.

DATE: 12/18/86
STATUS:
AWAITING LINE RESPONSE. CONTACTED CI ON 12-15-86.

ECPN100J
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OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
CONCERN TRACKING INFORMATION

PAGE 501
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-660-01 LAST UPDATE: 03/13/87
CATEGORY: CO CONSTRUCTION
SUBCATEGORY: 11200 WORK PLAN/WORK CONTROL
SUBJECT: MODIFICATION PERFORMED WITHOUT APPROVED WORK INSTR
ACTIONS. (R11-86-A-0242)

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

CLASSIFICATION

SAFETY RELATED: NO INDUSTRIAL SAFETY
PROTECTED ACTIVITY: (IH ONLY) CONFIDENTIAL: NO
REPORTABLE: STOP WORK: NO
SUBSTANTIATED: DIF PROF OPIN: NO
CORRECTIVE ACTION:
GENERIC APPLICABILITY BF: BL: SO: WB: CH: XX:
RESTART APPLICABILITY BF: BL: SO: WB: CH: XX:

KEY DATES

RECEIVED: 07/28/86 LINE RESPONSE:
REPORT SUBMITTED: REFERRED TO IG:
REPORT ISSUED: LAST-CI UPDATED:
CONCERN RESOLVED: CONCERN CLOSED:

KEYWORDS

A: PROCEDURES B: MODIFICATION C:
D: E: NRC F:

----- CONCERN -----

A MODIFICATION TO THE CRD REFUELING PLATFORMS WAS MADE WITHOUT THE ADH
ERENCE TO PROCEDURES REGARDING PLANT MODIFICATIONS. NO ECN WAS WRITTEN
AND THERE WAS NO WORK PLAN TO DO THE WORK. (R11-86-A-0242)

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

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

LOCATION: BFN LAST UPDATE: 01/13/87
INVESTIGATOR: CRE INVESTIGATION BEGUN: 11/18/86
INVESTIGATION NO: INVESTIGATION COMPLETED:
PRIORITY: CORRECTIVE ACT REFERENCE: QA VERIFICATION:
FINDING:

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PAGE 506
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-676-01
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70800 MORALE
SUBJECT: EMPLOYEE USED AS SCAPEGOAT.

LAST UPDATE: 04/22/87

SITE-PEP:
INTERVIEWER: CRE

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	08/08/86	LINE RESPONSE:	
REPORT SUBMITTED:		REFERRED TO IG:	
REPORT ISSUED:		LAST-CI UPDATED:	04/08/87
CONCERN RESOLVED:		CONCERN CLOSED:	

KEYWORDS

A: PERSONNEL FEELINGS	B: MORALE	C:
D:	E:	F:

----- CONCERN -----

EMPLOYEE FEELS THAT HE HAS BEEN USED AS A SCAPEGOAT FOR THE EXTENSION OF THE FIELD DATE OF TORUS COATING AND HEAT CURE WHICH WILL IMPACT THE SCHEDULE.

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

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

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

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CONCERN TRACKING INFORMATION

PAGE 507
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-676-01
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70800 MORALE
SUBJECT: EMPLOYEE USED AS SCAPEGOAT.

LAST UPDATE: 04/22/87

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

NO RECOMMENDATIONS FOUND

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PAGE 509
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-676-01
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 70800 MORALE
SUBJECT: EMPLOYEE USED AS SCAPEGOAT.

LAST UPDATE: 04/22/87

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

DATE: 09/26/86

STATUS:

NO INVESTIGATION BEGUN. ASSIGNED TO CRE. RECEIVED COPY OF LETTER THAT
CI SENT TO STEVE WHITE. CRE AND TFN MET WITH CI ON 09/08/86 TO DISCUSS
NATURE OF LETTER TO S. WHITE.

DATE: 01/05/87

STATUS:

CI CONTACTED ON 12/10/86.

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

PAGE 511
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-696-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30116 HEALTH AND SAFETY CONCERNS
SUBJECT: SWING SHIFT AFFECTS SLEEPING PATTERNS, DECREASES A
LERTNESS, INCREASES STRESS & GENERAL DEGRADATION O

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	08/13/86	LINE RESPONSE:	
REPORT SUBMITTED:		REFERRED TO IG:	
REPORT ISSUED:		LAST-CI UPDATED:	02/17/87
CONCERN RESOLVED:		CONCERN CLOSED:	

KEYWORDS

A: SAFETY CONDITION B: PERSONNEL FEELINGS C:
D: E: F:

----- CONCERN -----

THE "SWING SHIFT" THAT OPERATIONS EMPLOYEES WORK AFFECT THEIR SLEEPING PATTERNS, LEADS TO DECREASED ALERTNESS, INCREASED STRESS, AND A GENERAL DEGRADATION OF JOB PERFORMANCE. THIS REDUCES THE SAFETY MARGIN OF THE PLANT.

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

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

LOCATION:	BFM	LAST UPDATE:	01/13/87
INVESTIGATOR:	JNL	INVESTIGATION BEGUN:	08/26/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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PAGE 514
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-696-01 LAST UPDATE: 04/15/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30116 HEALTH AND SAFETY CONCERNS
SUBJECT: SWING SHIFT AFFECTS SLEEPING PATTERNS. DECREASES A
LERTNESS. INCREASES STRESS & GENERAL DEGRADATION O

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

DATE: 09/26/86

STATUS:
INVESTIGATION STARTED 08/26. ASSIGNED TO JNL 08/18. CONTACTED CI WITH
STATUS REPORT 11/20.

DATE: 02/17/87

STATUS:
CI UPDATE 02/17/87

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PAGE 516
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-764-01 LAST UPDATE: 04/06/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING
SUBJECT: INSTRUCTIONS GIVEN REGARDING TORUS LEVEL TRANSMITTER INSTRUMENTS.

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	08/18/86	LINE RESPONSE:	
REPORT SUBMITTED:	12/02/86	REFERRED TO IG:	
REPORT ISSUED:	12/16/86	LAST-CI UPDATED:	12/29/86
CONCERN RESOLVED:	01/05/87	CONCERN CLOSED:	

KEYWORDS

A: B: C: INSTRUMENTATION
D: E: F:

----- CONCERN -----

CI WAS GIVEN IMPROPER INSTRUCTIONS TO MAKE ADJUSTMENTS TO TORUS WATER INSTRUMENTS RATHER THAN TO CALIBRATE TO PROCEDURES.

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

A MISUNDERSTANDING BETWEEN CI & SUPERVISION REGARDING INSTRUCTIONS GIVEN TO RESOLVE CALIBRATION PROBLEM.

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

LOCATION:	BFN	LAST UPDATE:	01/13/87
INVESTIGATOR:	JNL	INVESTIGATION BEGUN:	10/30/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	11/07/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

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PAGE 517
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-764-01 LAST UPDATE: 04/06/87
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING
SUBJECT: INSTRUCTIONS GIVEN REGARDING TORUS LEVEL TRANSMITTER INSTRUMENTS.

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

ITEM NUMBER: 01 LAST UPDATE:

CONCLUSION:
THE CONCERN WAS NOT SUBSTANTIATED. NO EVIDENCE FOUND THAT IMPROPER INSTRUCTIONS WERE GIVEN OR FOLLOWED.

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:

(CPN100)
1555-RUM

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CONCERN TRACKING INFORMATION

PAGE 319
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-764-01
CATEGORY: OP PLANT OPER. SUPPORT
SUBCATEGORY: 30300 INSTRUMENTATION AND RADIATION MONITORING
SUBJECT: INSTRUCTIONS GIVEN REGARDING TORUS LEVEL TRANSMITTER INSTRUMENTS.

LAST UPDATE: 04/06/87

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

DATE: / /
STATUS:

DATE: 09/26/86
STATUS:
NEW - NO INVESTIGATION BEGUN.

DATE: 10/24/86
STATUS:
ASSIGNED JNL ON 10/24. INVESTIGATION COMPLETE & DRAFT SENT EKS ON 11/7 /86. CONCERN IS NOT SUBSTANTIATED. FINAL SENT TO LINE ON 12/16/86.

DATE: 01/05/87
STATUS:
NO RECOMMENDATIONS. FINAL INTERVIEW WITH CI AND CLOSURE W/INT NOTE TO FILE.

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OFFICE OF NUCLEAR POWER
EMPLOYEE CONCERN PROGRAM
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PAGE 521
TIME 08:30:27
DATE 07/15/87

CONCERN NO: ECP-86-BF-764-02
CATEGORY: MP MGT. & PERS. ISSUES
SUBCATEGORY: 71600 LABOR RELATIONS
SUBJECT: INAPPROPRIATE PSYCHOLOGICAL REEVALUATION

LAST UPDATE: 04/15/87

SITE-REP:
INTERVIEWER: TFN

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

CLASSIFICATION

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

KEY DATES

RECEIVED:	08/18/86	LINE RESPONSE:	
REPORT SUBMITTED:	12/02/86	REFERRED TO IG:	
REPORT ISSUED:	12/16/86	LAST-CI UPDATED:	12/29/86
CONCERN RESOLVED:	01/05/87	CONCERN CLOSED:	

KEYWORDS

A: HARASSMENT
B: PERSONNEL FEELINGS
C:
D: E: F:

----- CONCERN -----

BECAUSE OF EXPRESSION OF CONCERN ECP-86-BF-764-01, AND OTHERS, CI FEELS HE WAS INAPPROPRIATELY REFERRED FOR PSYCHOLOGICAL REEVALUATION.

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

CI'S BEHAVIOR AND CONDUCT ON THE JOB PRECIPITATED ACTIONS TAKEN BY MANAGEMENT.

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

LOCATION:	BFN	LAST UPDATE:	01/12/87
INVESTIGATOR:	JML	INVESTIGATION BEGUN:	10/30/86
INVESTIGATION NO:		INVESTIGATION COMPLETED:	11/07/86
PRIORITY:	CORRECTIVE ACT REFERENCE:	QA VERIFICATION:	
FINDING:			

